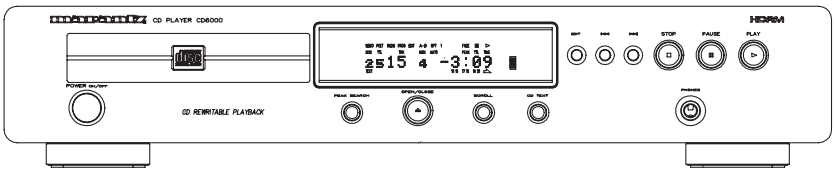
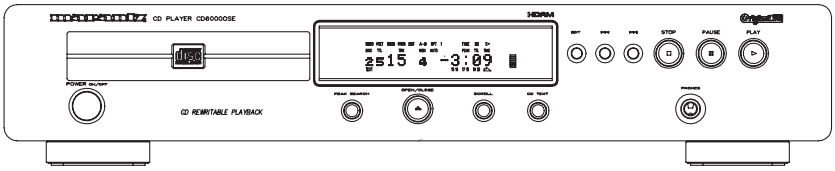
Service Manual

CD6000 /N1B, /N1G, /T1B, /K1B, /K1G
CD6000F /N1B, /N1G, /T1B, /U1B, /F1B, /F1N
CD Player

CD6000



CD6000OSE



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Please use this service manual with referring to the user guide (D.F.U) without fail.
修理の際は、必ず取扱説明書を準備し操作方法を確認の上作業を行って下さい。

marantz®

- CD6000 / CD6000OSE -

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2. Complete part numbers and quantities required
3. Description of parts
4. Model number for which part is required
5. Way of shipment
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SHOCK, FIRE HAZARD SERVICE TEST :

CAUTION : After servicing this appliance and prior to returning to customer, measure the resistance between either primary AC cord connector pins (with unit NOT connected to AC mains and its Power switch ON), and the face or Front Panel of product and controls and chassis bottom.

Any resistance measurement less than 1 Megohms should cause unit to be repaired or corrected before AC power is applied, and verified before it is return to the user/customer.

Ref. UL Standard No. 1492.

In case of difficulties, do not hesitate to contact the Technical Department at above mentioned address.

1. TECHNICAL SPECIFICATIONS

Audio Characteristics

Channels ..... 2 channels
Sampling frequency (CD mode) ..... 44.1 kHz
Quantization ..... 16-bit linear/channel
Error correction .. Cross-interleave read solomon code (CIRC)
D/A conversion ..... 1-bit linear/channel
Wow & flutter ..... Precision of quartz

Optical Readout System

Laser ..... AlGaAs semiconductor
Wavelength ..... 780 nm

Frequency Characteristics

Frequency range ..... 5 Hz - 20 kHz
Dynamic range ..... >98 dB
S/N ratio ..... >110 dB
Channel separation (1 kHz) ..... >103 dB
THD (1 kHz) ..... 0.0025 %
Analog output
Output level (cinch JACKS) ..... 2.0 V RMS
Output impedance ..... 250 ohms
Digital output
Output level (cinch JACK) ..... 0.5 Vp-p/75 ohms
Output level (optical JACK) ..... -19 dBm

Power Supply

Power requirement
/K version ..... 110 / 220V AC 50/60 Hz
/N,/T version ..... 230V AC 50 Hz
/U version ..... 120V AC 60 Hz
Power Consumption ..... 13 W

Cabinet, etc.

Dimensions
Width 440mm
Height 86mm
Depth 312mm
Netweight (CD6000) ..... 4.1 kg
Netweight (CD6000F) ..... 5.6 kg
Operating temperatures ..... +5°C ~ +35°C
Operating humidity ..... 5 % ~ 90 % (without dew)

Accessories

Remote control unit (RC6000CD) 1
AAA (R03) Batteries 2
Stereo audio cable with cinch pins 1
Remote cable with cinch pin 1

Improvement may result in changes in specifications and design without notice.

オーディオ特性

チャンネル 2チャンネル
周波数特性 ..... 2Hz～20,000Hz, ±0.3dB
ダイナミックレンジ 98dB以上
S/N比 110dB
チャンネルセパレーション 103dB (1kHz)
高調波歪率 0.002% (1kHz)
ワウフラッター ..... 水晶精度
誤り訂正方式 ..... クロス・インターリーブ・リードソロモン・コード (CIRC)
音声出力 ..... 2.0V RMSステレオ
デジタル出力 ..... ピンジャック 0.5Vp-p/75Ω
（角型光コネクター）光出力 -19dBm

光学読み取り方式

レーザー ..... AlGaAs 半導体
波長 780nm

信号方式

サンプリング周波数 44.1kHz
量子化 16ビットリニア / チャンネル

電源部

電源 ..... AC 100V 50/60Hz
消費電力 (電気用品取締法) 13W

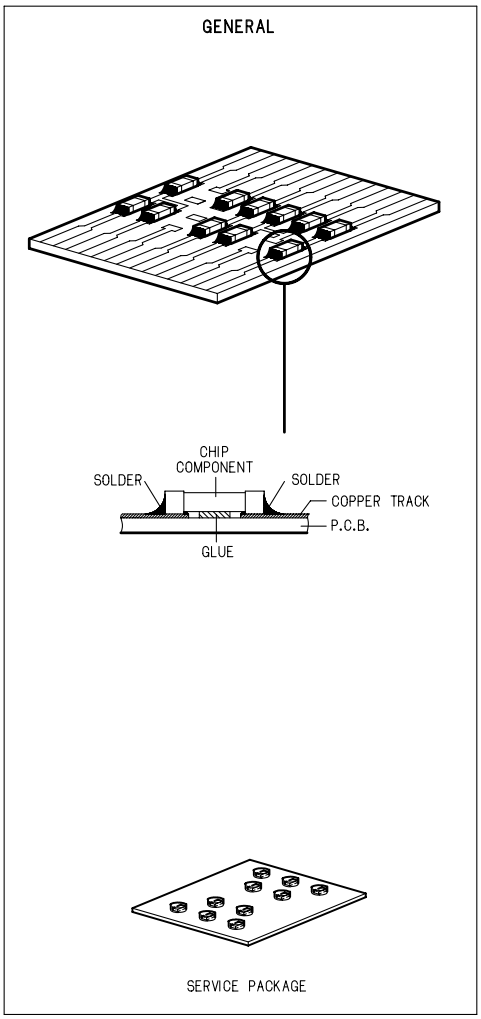
キャビネット・その他

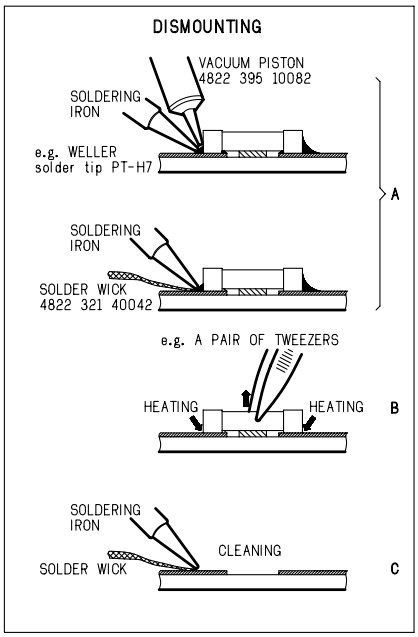
最大外形寸法 (幅×高さ×奥行き) ..... 440×86×312mm
質量 5.6kg
許容動作温度 ..... +5℃ ～ +35℃
許容動作湿度 ..... 5%～90% (結露のないこと)

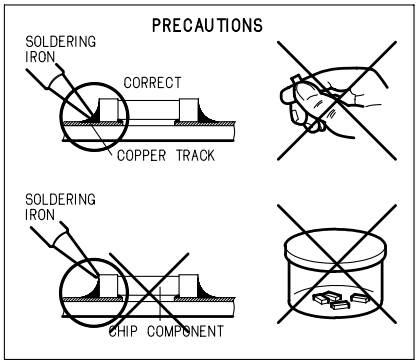
付属品

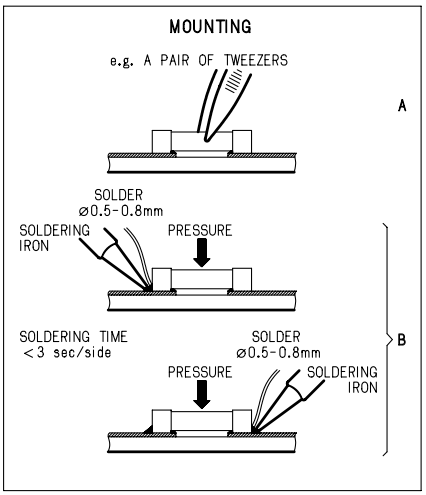
リモートコントロール送信機 (RC6000CD) 1
外形寸法（幅×高さ×奥行き) ..... 50×145×23mm
質量(電池なし) 55g
単四電池(SUM-4) 2個
RCAピンコード 1組
リモート接続コード 1本

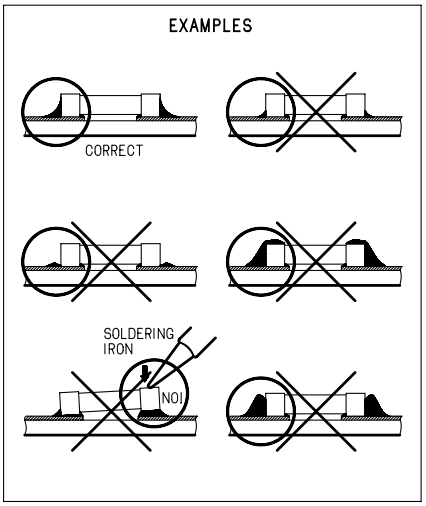
2. SERVICING HINTS











3. SERVICE TOOLS

Audio signals disc	4822 397 30184
Disc without errors (SBC444)+	
Disc with DO errors, black spots and fingerprints (SBC444A)	4822 397 30245
Disc (65 min 1kHz) without no pause	4822 397 30155
Max. diameter disc (58.0 mm)	4822 397 60141
Torx screwdrivers	
Set (straight)	4822 395 50145
Set (square)	4822 395 50132
13th order filter	4822 395 30204

ESD

(GB) WARNING
All ICs and many other semiconductors are susceptible to electrostatic discharges (ESD). Careless handling during repair can reduce life drastically.
When repairing, make sure that you are connected with the same potential as the mass of the set via a wristband with resistance. Keep components and tools at this potential.

(F) ATTENTION
Tous les IC et beaucoup d´autres semi-conducteurs sont sensibles aux décharges statiques (ESD). Leur longévite pourrait être considérablement écourtée par le fait qu´aucune précaution nést prise à leur manipulation.
Lors de réparations, s´assurer de bien être relié au même potentiel que la masse de l´appareil et enfileer le bracelet serti d´une résistance de sécurité.
Veiller à ce que les composants ainsi que les outils que l´on utilise soient également à ce potentiel.

(D) WARNUNG
Alle ICs und viele andere Halbleiter sind empfindlich gegenüber elektrostatischen Entladungen (ESD).
Unsorgfältige Behandlung im Reparaturfall kann die Lebensdauer drastisch reduzieren.
Sorgen Sie dafür, daß sie im Reparaturfall über ein Puls-armband mit Widerstand mit dem Massepotential des Gerätes verbunden sind.
Halten Sie Bauteile und Hilfsmittel ebenfalls auf diesem Potential.

(NL) WAARSCHUWING
Alle IC´s en vele andere halfgeleiders zijn gevoelig voor electrostatische ontladingen (ESD).
Onzorgvuldig behandelen tijdens reparatie kan de levensduur drastisch doen vermindern. Zorg ervoor dat u tijdens reparatie via een polsband met weerstand verbonden bent met hetzelfde potentiaal als de massa van het apparaat.
Houd componenten en hulpmiddelen ook op ditzelfde potentiaal.

(I) AVVERTIMENTO
Tutti IC e parecchi semi-conduttori sono sensibili alle scariche statiche (ESD).
La loro longevità potrebbe essere fortemente ridatta in caso di non osservazione della più grande cauzione alla loro manipolazione. Durante le riparationi occorre quindi essere collegato allo stesso potenziale che quello della massa delápparecchio tramite un braccialetto a resistenza.
Assicurarsi che i componenti e anche gli utensili con quali si lavora siano anche a questo potenziale.

(GB) AVAILABLE ESD PROTECTION EQUIPMENT :

anti-static table mat	large	1200x650x1.25mm	4822 466 10953
	small	600x650x1.25mm	4822 466 10958
anti-static wristband			4822 395 10223
connection box (3 press stud connections, 1M)			4822 320 11307
extendible cable (2m, 2M , to connect wristband to connection box)			4822 320 11305
connecting cable (3m, 2M , to connect table mat to connection box)			4822 320 11306
earth cable (1M , to connect any product to mat or to connection box)			4822 320 11308
KIT ESD3 (combining all 6 prior products - small table mat)			4822 310 10671
wristband tester			4822 344 13999

AVAILABLE JIG for FR980

Extension PCB and wire kit	4822 395 10815

SAFETY

(GB)
Safety regulations require that the set be restored to its original condition and that parts which are identical with those specified be used.
Safety components are marked by the symbol ⚠

(F)
Les normes de sécurité exigent que l`appareil soit remis à l`état d`origine et que soient utilisées les pièces de rechange identiques à celles spécifiées.
Les composants de sécurité sont marqués ⚠

(D)
Bei jeder Reparatur sind die geltenden Sicherheitsvor-schriften zu beachten. Der Originalzustand des Gerätes darf nicht verändert werden. Für Reparaturen sind Original-ersatzteile zu verwenden.
Sicherheitsbauteile sind durch das Symbol ⚠ markiert.

(NL)
Veiligheidsbepalingen vereisen, dat het apparaat in zijn oorspronkelijke toestand wordt teruggebracht en dat onderdelen, identiek aan de gespecificeerde, worden toegepast.
De Veiligheidsonderdelen zijn aangeduid met het symbool ⚠

(I)
Le norme di sicurezza estigono che l´apparecchio venga rimesso nelle condizioni originali e che siano utilizzati i pezzi di ricambiago identici a quelli specificati.
Componenty di sicurezza sono marcati con ⚠

(GB) **DANGER**: Invisible laser radiation when open.
AVOID DIRECT EXPOSURE TO BEAM.

CLASS 1
LASER PRODUCT

(S) Varning !
Osynlig laserstrålning när apparaten är öppnad och spärren är urkopplad. Betrakta ej strålen.

(DK) Advarsel !
Usynlig laserstråling ved åbning når sikkerhedsafbrydere er ude af funktion. Undgå udsaettelse for stråling.

(SF) Varoitus !
Avatussa laitteessa ja suojalukituksen ohitettaessa olet alttiina näkymättömälle laserisäteilylle. Älä katso säteeseen !

(GB)
After servicing and before returning the set to customer perform a leakage current measurement test from all exposed metal parts to earth ground, to assure no shock hazard exists.
The leakage current must not exceed 0.5mA.

(F)
"Pour votre sécurite, ces documents doivent être utilisés par des spécialistes agréés, seuls habilités à réparer votre appareil en panne".

4. SERVICE MODE

1. How to enter into the Service Mode
   Turn the power on while pressing [PLAY]+[OPEN/CLOSE] buttons together.
   The display shows “model number”, “microprocessor version” and “mode”.

   C D 6 0 : 1 0 P 0 0
   Mode number
   Microprocessor version
   Model number

2. Mode 0 (display “P 00”)
   Condition: [FOCUS OFF], [SPINDLE OFF], [RADIAL OFF], [MUTE ON]
   - While pressing [NEXT ▶▶I] button,the sledge moves out side.
     And, release from this button. The sledge return to neutral position.
   - Press [NEXT ▶▶I] button, the function will change to “Mode 1”.

3. Mode 1 (display “P 01”)
   Condition: [FOCUS ON], [SPINDLE OFF], [RADIAL OFF], [MUTE ON]
   - Press [NEXT ▶▶I] button, the function will change to “Mode 2”.
   - Press [PREV I◀◀] button, the function will change to “Mode 0”.

4. Mode 2 (display “P 02”)
   Condition: [FOCUS ON], [SPINDLE ON], [RADIAL OFF], [MUTE ON]
   - Press [NEXT ▶▶I] button, the function will change to “Mode 3”.
   - Press [PREV I◀◀] button, the function will change to “Mode 1”.

5. Mode 3 (display “P 03”)
   Condition: [FOCUS ON], [SPINDLE ON], [RADIAL ON], [MUTE OFF]
   - Press [PREV I◀◀] button, the function will change to “Mode 2”.

∗ The following button operations are available at the Service Mode.
   1) While pressing [STOP] button, FL display shows all segments.
   2) Press [PAUSE] button. FL display shows each segments one by one automatically. (Segments test mode) And, press [PAUSE] button again, this mode will be stopped.
   3) The same as Normal operation is performed by pressing [PLAY] button. (Except segments test mode.) However if some default is detected, display shows an error code. (For example: “Err 10”) Refer to the “Table 1 **ERROR CODE**”.

6. Canceling the Service Mode
   The Service Mode is canceled by turning the power off.

4. サービスモード

1. サービスモードへの入り方
   [PLAY]と[OPEN/CLOSE] ボタンを押しながら電源を入れます。モデル番号及びプロセッサーバージョン番号、モード番号を表示します。

   ＣＤ６０：１０ Ｐ ００
   モード番号
   プロセッサーバージョン番号
   モデル番号

2. モード０（表示 Ｐ ００）
   状態：[FOCUS OFF] [SPINDLE OFF] [RADIAL OFF] [MUTE ON]
   ・ [NEXT ▶▶I] ボタンを押している間だけスレッドが外周へ移動します。ボタンを放すと原点に戻ります。
   ・ [NEXT ▶▶I] ボタンを押すとモード１へ移行します。

3. モード１（表示 Ｐ ０１）
   状態：[FOCUS ON] [SPINDLE OFF] [RADIAL OFF] [MUTE ON]
   ・ [NEXT ▶▶I] ボタンを押すとモード２へ移行します。
   ・ [PREV I◀◀] ボタンを押すとモード０へ移行します。

4. モード２（表示 Ｐ ０２）
   状態：[FOCUS ON] [SPINDLE ON] [RADIAL OFF] [MUTE ON]
   ・ [NEXT ▶▶I] ボタンを押すとモード３へ移行します。
   ・ [PREV I◀◀] ボタンを押すとモード０へ移行します。

5. モード３（表示 Ｐ ０３）
   状態：[FOCUS ON] [SPINDLE ON] [RADIAL ON] [MUTE OFF]
   ・ [PREV I◀◀] ボタンを押すとモード２へ移行します。

∗ サービスモードの全ての状態で以下のボタンが有効です。
   1) [STOP] ボタンを押している間だけFLが全点灯します。
   2) [PAUSE] ボタンを押すとFL各部自動点灯テストを行ないます。もう一度押すとテストを中止します。
   3) [PLAY] ボタンを押すと通常（サービスモード以外）と同じ動作となります。ただし、上記のFL各部自動点灯テスト中を除きます。
   動作中、異常が確認された時にエラー番号が表示されます。（例：Err 10）
   下記の表を参考にしてください。

6. サービスモードの解除
   電源を切るとサービスモードが解除されます。

***Table 1* ERROR CODE**

Error Code	Error
Err 02	FOCUS Error
Err 07	SUB CODE Error
Err 08	T. O. C. Error
Err 09	DECODER Error
Err 10	RADIAL Error
Err 11, 12	SLEDGE Error
Err 13	SPINDLE Error
Err 16 ~ 20	SEARCH Error
Err 30	DOOR Error
Err 31	TRAY Error
Err 32 ~ 47	BUTTON INPUT Error

5. MICROPROCESSOR AND IC DATA

7405 SAA7372GP

PIN	SYMBOL	DESCRIPTION
1	VSSA1	*analog ground 1
2	VDDA1	* analog supply voltage 1
3	D1	unipolar current input (central diode signal input)
4	D2	unipolar current input (central diode signal input)
5	D3	unipolar current input (central diode signal input)
6	VRL	reference voltage input for ADC
7	D4	unipolar current input (central diode signal input)
8	R1	unipolar current input (satellite diode signal input)
9	R2	unipolar current input (satellite diode signal input)
10	IrefT	current reference output for ADC calibration
11	VRH	reference voltage output from ADC
12	VSSA2	* analog ground 2
13	SELPLL	selects whether internal clock multiplier PLL is used
14	ISLICE	current feedback output from data slicer
15	HFIN	comparator signal input
16	VSSA3	* analog ground 3
17	HFREF	comparator common mode input
18	Iref	reference current output pin (nominally 0.5VDD)
19	VDDA2	* analog supply voltage 2
20	TEST1	test control input 1; this pin should be tied LOW
21	CRIN	crystal/resonator input
22	CROUT	crystal/resonator output
23	TEST2	test control input 2; this pin should be tied LOW
24	CL16	16.9344 MHz system clock output
25	CL11	11.2896 or 5.6448 MHz clock output (3-state)
26	RA	radial actuator output
27	FO	focus actuator output
28	SL	sledge control output
29	TEST3	test control input 3; this pin should be tied LOW
30	VDDD1(P)	* digital supply voltage 1 for periphery
31	DOBM	bi-phase mark output (externally buffered; 3-state)
32	VSSD1	* digital ground 1
33	MOTO1	motor output 1; versatile (3-state)
34	MOTO2	motor output 2; versatile (3-state)
35	SBSY	subcode block sync output (3-state)
36	SFSY	subcode frame sync output (3-state)
37	RCK	subcode clock input
38	SUB	P-to-W subcode output bits (3-state)
39	VSSD2	* digital ground 2
40	V5	versatile output pin 5
41	V4	versatile output pin 4
42	V3	versatile output pin 3 (open-drain)
43	KILL	kill output (programmable; open-drain)
44	EF	C2 error flag; output only defined in CD ROM modes and 1fs modes (3-state)
45	DATA	serial data output (3-state)
46	WCLK	word clock output (3-state)
47	VDDD2(P)	* digital supply voltage 2 for periphery
48	SCLK	serial bit clock output (3-state)
49	VSSD3	* digital ground 3
50	CL4	4.2336 MHz microcontroller clock output
51	SDA	microcontroller interface data I/O line (open-drain output)
52	SCL	microcontroller interface clock line input
53	RAB	microcontroller interface R/W and load control line input (4-wire bus mode)
54	SILD	microcontroller interface R/W and load control line input (4-wire-bus mode)
55	n.c.	not connected
56	VSSD4	* digital ground 4
57	RESET	power-on reset input (active LOW)
58	STATUS	servo interrupt request line/decoder status register output (open-drain)
59	VDDD3(C)	* digital supply voltage 3 for core
60	C2FAIL	indication of correction failure output (open-drain)
61	CFLG	correction flag output (open-drain)
62	V1	versatile input pin 1
63	V2	versatile input pin 2
64	LDON	laser drive on output (open-drain)

• Note : All supply pins must be connected to the same external power supply voltage.

7602 LC89170M

PIN	SYMBOL	I/O	FUNCTION
1	EXCK	I/O	Subcode interface shift clock input and output
2	SBSO	I	Subcode interface data Input
3	SCOR	I	Subcode interface block synchronization Input
4	WFCK	I	Subcode interface frame synchronization Input
5	MCK	I	Clock input (16.9344 MHz)
6	XMODE	I	System reset and low power mode
7	GND		Ground
8	TEST	I	Test pin (Must be connected to ground in normal operation.)
9	SW1	I	EXCK I/O setting (L: clock output, H: clock input)
10	SW2	I	EXCK clock output pulse width selection (L: double speed support, H: normal speed)
11	SCLK	I	Command interface shift clock input
12	SRDT	O	Command interface data output
13	DOSY	O	Command interface readout enable output
14	VDD		Power supply

7500 TDA1302T

PIN	SYMBOL	DESCRIPTION
1	O4	output of diode current amplifier 4
2	O6	output of diode current amplifier 6
3	O3	output of diode current amplifier 3
4	O1	output of diode current amplifier 1
5	O5	output of diode current amplifier 5
6	O2	output of diode current amplifier 2
7	LDON	control pin for switching the laser ON and OFF
8	VDDL	laser supply voltage
9	RFE	equalized output voltage of sum signal of amplifiers 1 to 4
10	RF	unequalized output
11	HG	control pin for gain switch
12	LS	control pin for speed switch
13	CL	external capacitor
14	ADJ	reference input normally connected to ground via a resistor
15	GND	0 V supply; substrate connection (ground)
16	LO	current output to the laser diode
17	MI	laser monitor diode input
18	VDD	amplifier supply voltage
19	I2	photo detector input 2 (central)
20	I5	photo detector input 5 (satellite)
21	I1	photo detector input 1 (central)
22	I3	photo detector input 3 (central)
23	I6	photo detector input 6 (satellite)
24	I4	photo detector input 4 (central)

7401/7402/7403 TDA7073A

PIN	SYMBOL	DESCRIPTION
1	IN1-	negative input 1
2	IN1+	positive input 1
3	n.c.	not connected
4	n.c.	not connected
5	VP	positive supply voltage
6	IN2+	positive input 2
7	IN2-	negative input 2
8	n.c.	not connected
9	OUT2+	positive output 2
10	GND2	ground 2
11	n.c.	not connected
12	OUT2-	negative output 2
13	OUT1-	negative output 1
14	GND1	ground 1
15	n.c.	not connected
16	OUT1+	positive output 1

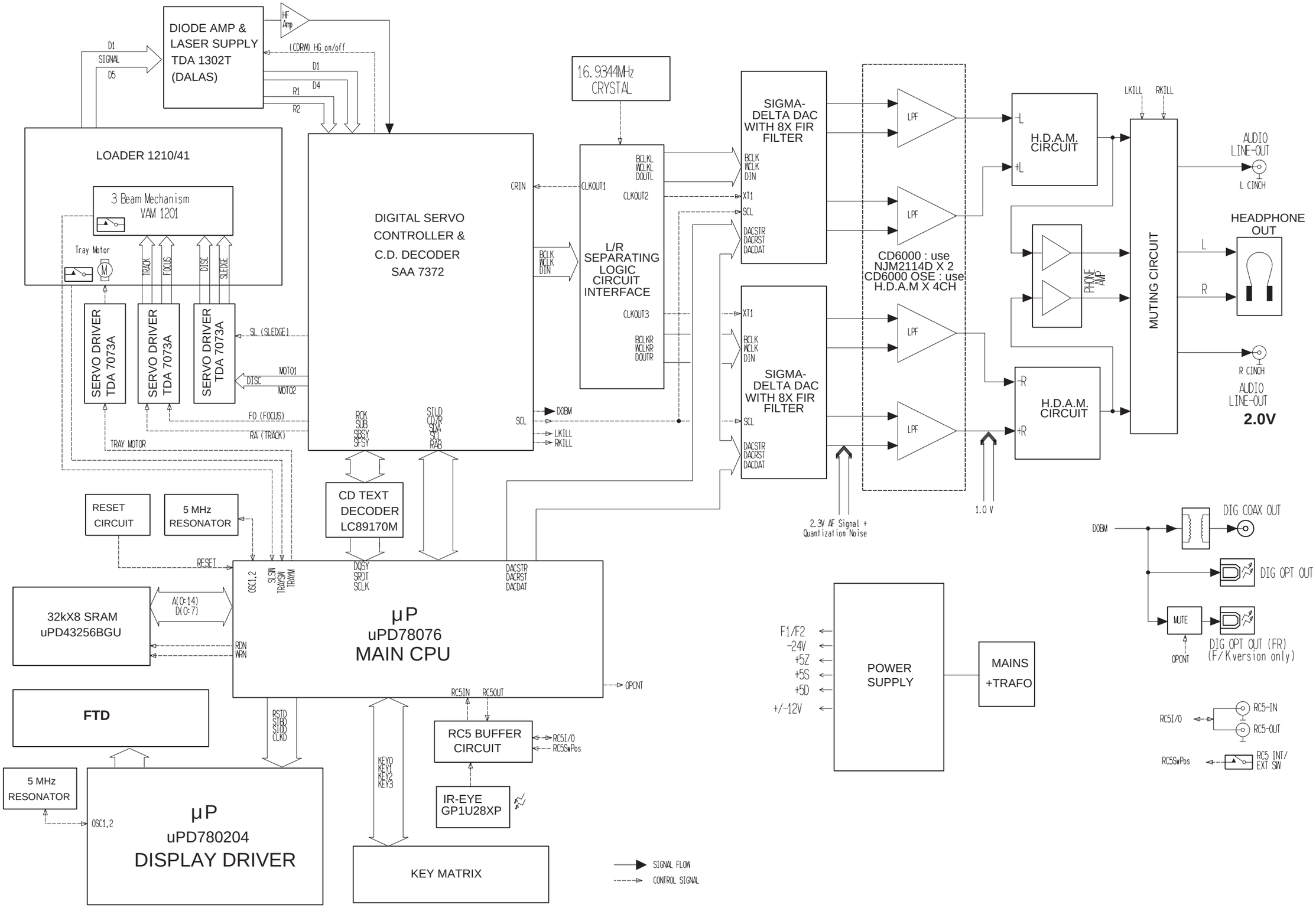
7600 μPD78076 MAIN

Pin No.	Port Name	Function	In/Out	Active	To/From	Description
1	OPEN	P120	Out	High	---	
2	OPEN	P121	Out	Low	---	
3	OPTCNT	P122	In	High	7318/7400	Control signal a front digital output's power
4	OPEN	P123	In	High	---	
5	OPEN	P124	In	Low	---	
6	OPEN	P125	In	Low	---	
7	OPEN	P126	Out	Low	---	
8	OPEN	P127	Out	Low	---	
9	GND	IC			GND	
10	5MHz XTAL	X2			5600	Clock out(5MHz)
11	5MHz XTAL	X1			5600	Clock in(5MHz)
12	+5MP	Vdd			+5MP	Power supply +5V
13		XT2			OPEN	
14		XT1			+5MP	
15	REST	RESET	In		7603	Reset signal input
16	RC5I	INTP0	In	↓↑	6600	Input remote control signal
17	DQSTN	INTP1	In	↓	7602	Request signal to read datas from 7602
18	CD7RN	P02	Out	Low	7405	CD7 Reset signal
19	SILDN	P03	Out	Low	7405	Strobe signal for servo part of 7405
20	RAB7N	P04	Out	Low	7405	Strobe signal for servo part of 7405
21	OPEN	P05	In		---	
22	OPEN	P06	In		---	
23	+5MP	Avdd			+5VD	
24	+5MP	Avref0			+5VD	
25	KEY0	ANI0	In	Level	Tact Switch	Key Sensor
26	KEY1	ANI1	In	Level	Tact Switch	Key Sensor
27	KEY2	ANI2	In	Level	Tact Switch	Key Sensor
28	KEY3	ANI3	In	Level	Tact Switch	Key Sensor
29	KEY4	ANI4	In	———	GND	Key Sensor(RESERVED)
30	KEY5	ANI5	In	———	GND	Key Sensor(RESERVED)
31	KEY6	ANI6	In	———	GND	Key Sensor(RESERVED)
32	KEY7	ANI7	In	———	GND	Key Sensor(RESERVED)
33	GND	Avss			GND	
34	DACDAT	P130	In/Out		7311/7312	Serial data signal for 7311/7312
35	RSTDD	P131	Out		7800	Reset signal for 7800
36	+5MP	Avref			+5MP	
37	STBD	P70	Out		7800	Strobe signal for 7800
38	SIOD	SO2	Out		7800	Serial data for 7800
39	CLKD	SCK2	Out		7800	Serial clock for 7800
40	GND	Vss			GND	
41	SIDT	SI1	In		7602	Serial data signal from 7602
42	OPEN	SO1			---	
43	CLKT	SCK1	Out		7602	Serial clock signal from 7602
44	DACSTR	P23	Out	Low	7311/7312	Serial data's Strobe signal for 7311/7312
45	DACRST	P24	Out	Low	7311/7312	Reset signal for 7311/7312
46	OPEN	SB0			---	
47	SDA	SB1	In/Out		7405	Serial data signal for 7405.
48	SCL	SCK0	Out		7405	Serial clock signal for 7405
49	A0	A0	Out		7601	Adress signal for 7601
50	A1	A1	Out		7601	Adress signal for 7601
51	A2	A2	Out		7601	Adress signal for 7601
52	A3	A3	Out		7601	Adress signal for 7601
53	A4	A4	Out		7601	Adress signal for 7601
54	A5	A5	Out		7601	Adress signal for 7601
55	A6	A6	Out		7601	Adress signal for 7601
56	A7	A7	Out		7601	Adress signal for 7601
57	AD0	D0	In/Out		7601	Data signal for 7601
58	AD1	D1	In/Out		7601	Data signal for 7601
59	AD2	D2	In/Out		7601	Data signal for 7601
60	AD3	D3	In/Out		7601	Data signal for 7601
61	AD4	D4	In/Out		7601	Data signal for 7601
62	AD5	D5	In/Out		7601	Data signal for 7601
63	AD6	D6	In/Out		7601	Data signal for 7601
64	AD7	D7	In/Out		7601	Data signal for 7601
65	A8	A8	Out		7601	Adress signal for 7601
66	A9	A9	Out		7601	Adress signal for 7601
67	A10	A10	Out		7601	Adress signal for 7601
68	A11	A11	Out		7601	Adress signal for 7601
69	A12	A12	Out		7601	Adress signal for 7601
70	A13	A13	Out		7601	Adress signal for 7601
71	OPEN	Vss			---	
72	OPEN	A14	Out		---	
73	OPEN	A15	Out		---	
74	OPEN	P60	Out		---	
75	OPEN	P61	Out		---	
76	OPEN	P62	Out		---	
77	OPEN	P63	Out		---	
78	RDN	RD	Out		7601	Read signal for 7601
79	WRN	WR	Out		7601	Write signal for 7601
80	OPEN	P66	Out		---	
81	OPEN	P67	Out		---	
82	RC5KILL	P100	Out		7605	Cancell RC5 from IR sensor during output RC5
83	RC5OUT	TO6	Out		7605/7316	Syncrorecoding signal output
84	TRAYM	P102			7403	Tray motor control signal
85	OPEN	P103			---	
86	OPEN	P30	In	Low	---	
87	OPEN	P31	In	Low	---	
88	OPEN	P32	In	High	---	
89	CDRWO	P33		High	7500	In case of CD-RW disc,Gain up RF signal
90	SLSWN	P34	In	Low	VAM1201	Sledge detect switch (LOW : in end)
91	OPEN	P35	In		---	
92	TRISN	P36	In	Low	TRAY	Tray in/out detect switch (LOW : in end)
93	OPEN	P37	In		---	
94	OPEN	P90	In		---	
95	OPEN	P91	Out		---	
96	OPEN	P93	Out		---	
97	OPEN	P94	Out		---	
98	OPEN	P95	Out		---	
99	OPEN	P95	Out	Low	---	
100	OPEN	P96	Out	Low	---	

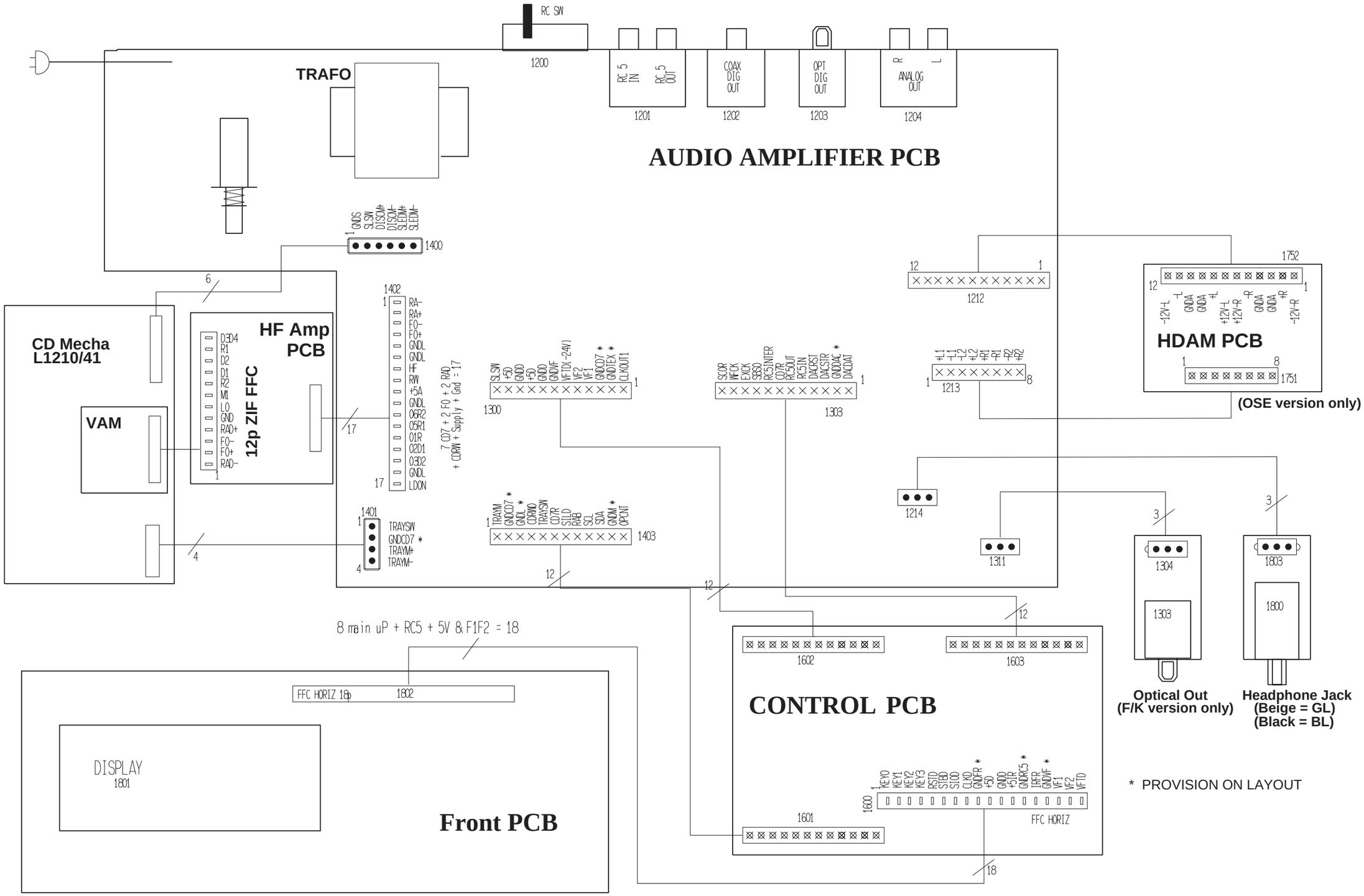
7800 μPD780204 DISPLAY

Pin No.	Port Name	Function	To/From	Description	Active
1	+5C	Vdd	+5C		
2	OPEN	P37	---	LED On/Off	Low
3	OPEN	P36/BUZ	---	LED On/Off	Low
4	OPEN	P35/PCL	---	LED On/Off	Low
5	OPEN	P34/TI2	---	LED On/Off	Low
6	OPEN	P33/TI1	---	LED On/Off	Low
7	OPEN	P32/TO2	---	LED On/Off	Low
8	OPEN	P31/TO1	---	LED On/Off	Low
9	OPEN	P30/TO0	---	LED On/Off	Low
10	RESD	RESET	7600		
11	5MHz X'tal	X2	5800		
12	5MHz X'tal	X1	5800		
13	GND	IC	GND		
14	OPEN	XT2	---		
15	OPEN	P04/XT1	---		
16	+5C	Vdd	+5C		
17	OPEN	P27/SCK0	---		
18	OPEN	P26/SO0/SB1	---		
19	OPEN	P25/SI0/SB0	---		
20	OPEN	P24/BUSY	---		
21	OPEN	P23/STB	---		
22	CLKD	P22/SCK1	---		
23	OPEN	P21/SO1	---		
24	SIOD	P20/SI1	7600		
25	GND	Avss	GND		
26	OPEN	P17/ANI7	---		
27	OPEN	P16/ANI6	---		
28	OPEN	P15/ANI5	---		
29	OPEN	P14/ANI4	---		
30	OPEN	P13/ANI3	---		
31	OPEN	P12/ANI2	---		
32	OPEN	P11/ANI1	---		
33	OPEN	P10/ANI0	---		
34	OPEN	Avdd	---		
35	GND	Avref	GND		
36	OPEN	P03/INTP3	---		
37	OPEN	P02/INTP2	---		
38	OPEN	P01/INTP1	---		
39	STBD	P00/INTP0/TI0	7600		
40	GND	Vss	GND		
41	OPEN	P74	---		
42	OPEN	P73	---		
43	OPEN	P72	---		
44	SSEL	P71	+5C	Scroll rule select(HIGH : CD6000)	
45	CSEL	P70	GND	Character select (LOW : CD6000)	
46	+5VD	Vdd	+5VD		
47	S40	P127/FIP52	FL	Segment output	
48	S39	P126/FIP51	FL	Segment output	
49	S38	P125/FIP50	FL	Segment output	
50	S37	P124/FIP49	FL	Segment output	
51	S36	P123/FIP48	FL	Segment output	
52	S35	P122/FIP47	FL	Segment output	
53	S34	P121/FIP46	FL	Segment output	
54	S33	P120/FIP45	FL	Segment output	
55	S32	P117/FIP44	FL	Segment output	
56	S31	P116/FIP43	FL	Segment output	
57	S30	P115/FIP42	FL	Segment output	
58	S29	P114/FIP41	FL	Segment output	
59	S28	P113/FIP40	FL	Segment output	
60	S27	P112/FIP39	FL	Segment output	
61	S26	P111/FIP38	FL	Segment output	
62	S25	P110/FIP37	FL	Segment output	
63	S24	P107/FIP36	FL	Segment output	
64	S23	P106/FIP35	FL	Segment output	
65	S22	P105/FIP34	FL	Segment output	
66	S21	P104/FIP33	FL	Segment output	
67	S20	P103/FIP32	FL	Segment output	
68	S19	P102/FIP31	FL	Segment output	
69	S18	P101/FIP30	FL	Segment output	
70	S17	P100/FIP29	FL	Segment output	
71	S16	P97/FIP28	FL	Segment output	
72	S15	P96/FIP27	FL	Segment output	
73	S14	P95/FIP26	FL	Segment output	
74	S13	P94/FIP25	FL	Segment output	
75	S12	P93/FIP24	FL	Segment output	
76	S11	P92/FIP23	FL	Segment output	
77	S10	P91/FIP22	FL	Segment output	
78	S9	P90/FIP21	FL	Segment output	
79	-VFT	Vload	-VFTD		
80	S8	P87/FIP20	FL	Segment output	
81	S7	P86/FIP19	FL	Segment output	
82	S6	P85/FIP18	FL	Segment output	
83	S5	P84/FIP17	FL	Segment output	
84	S4	P83/FIP16	FL	Segment output	
85	S3	P82/FIP15	FL	Segment output	
86	S2	P81/FIP14	FL	Segment output	
87	S1	P80/FIP13	FL	Gird output or Segment output	
88	G13	FIP12	FL	Gird output or Segment output	
89	G12	FIP11	FL	Gird output or Segment output	
90	G11	FIP10	FL	Gird output or Segment output	
91	G10	FIP9	FL	Gird output or Segment output	
92	G9	FIP8	FL	Gird output or Segment output	
93	G8	FIP7	FL	Gird output or Segment output	
94	G7	FIP6	FL	Gird output or Segment output	
95	G6	FIP5	FL	Gird output or Segment output	
96	G5	FIP4	FL	Gird output or Segment output	
97	G4	FIP3	FL	Gird output or Segment output	
98	G3	FIP2	FL	Gird output or Segment output	
99	G2	FIP1	FL	Gird output	
100	G1	FIP0	FL	Gird output	

6. BLOCK DIAGRAM

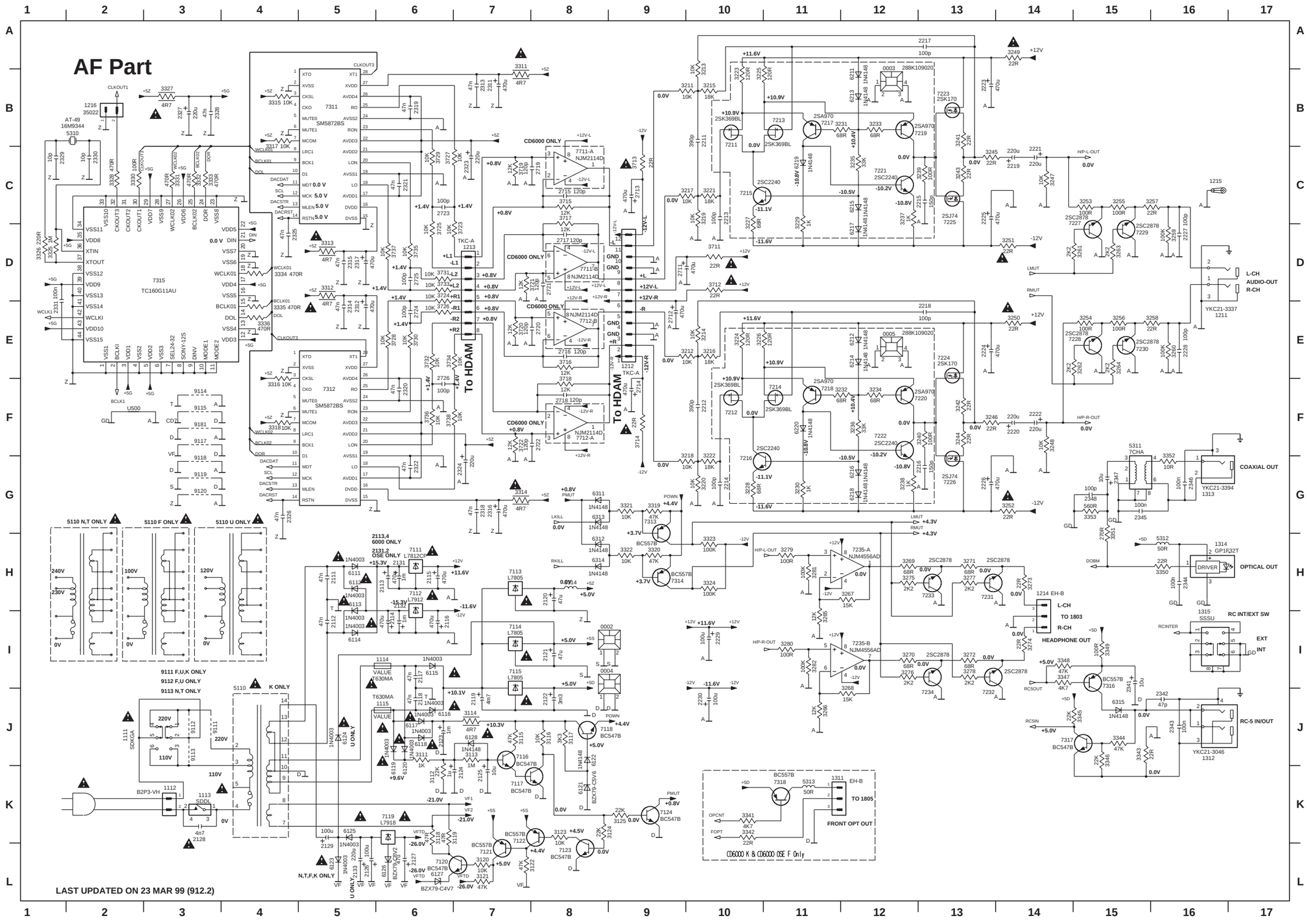


7. WIRING DIAGRAM



8. SCHEMATIC DIAGRAM AND PARTS LOCATION

AUDIO AMPLIFIER PCB AF PART



0002 I8	3226 E10	6119 K6
0003 B12	3227 C10	6120 K6
0004 I8	3228 G10	6121 K8
0005 E12	3229 C11	6122 J8
1111 J2	3230 G11	6123 L5
1112 K3	3231 B12	6124 J5
1113 K3	3232 F12	6125 K5
1114 I6	3233 B12	6126 L6
1115 J6	3234 F12	6127 L6
1211 E16	3235 C12	6128 J7
1212 E9	3236 F12	6211 B12
1213 D7	3237 C12	6212 E12
1214 H14	3238 G12	6213 B12
1215 C16	3239 C13	6214 E12
1216 B2	3240 F13	6215 C12
1311 K11	3241 B13	6216 G12
1312 J16	3242 F13	6217 D12
1313 G16	3243 C13	6218 G12
1314 H16	3244 F13	6219 C11
1315 I16	3245 C13	6220 F11
2111 H5	3246 F13	6311 G8
2112 I5	3247 C14	6312 H8
2113 H6	3248 F14	6313 G8
2114 I6	3249 A14	6314 H8
2115 H6	3250 E14	6315 J15
2116 I6	3251 D14	7111 H6
2117 I6	3252 G14	7112 H6
2118 J6	3253 C15	7113 H7
2119 J7	3254 E15	7114 I7
2120 H8	3255 C15	7115 I7
2121 I8	3256 E15	7116 J7
2122 J8	3257 C16	7117 K7
2123 J6	3258 E16	7118 J8
2124 K7	3259 D16	7119 K6
2125 K7	3260 E16	7120 L6
2126 L5	3261 D15	7121 L7
2127 L6	3262 E15	7122 K7
2128 K3	3263 D15	7123 L8
2129 L5	3264 E15	7124 K9
2131 H6	3265 I11	7211 B10
2132 H6	3266 J11	7212 F10
2133 L5	3267 H12	7213 B11
2211 B10	3268 J12	7214 F11
2212 F10	3269 H12	7215 C10
2213 C10	3270 I12	7216 G10
2214 G10	3271 H13	7217 B11
2215 C13	3272 I13	7218 F11
2216 G13	3273 H14	7219 B12
2217 A13	3274 I14	7220 F12
2218 E13	3275 H12	7221 C12
2219 C14	3276 I12	7222 F12
2220 F14	3277 H13	7223 B13
2221 C14	3278 I13	7224 E13
2222 F14	3279 H11	7225 C13
2223 B13	3280 I11	7226 G13
2224 E13	3281 H11	7227 C14
2225 C13	3282 I11	7228 E14
2226 G13	3311 A7	7229 D15
2227 D16	3312 D5	7230 E15
2228 E16	3313 D5	7231 H13
2229 I10	3314 G7	7232 J13
2230 J10	3315 B4	7233 H13
2311 B7	3316 F4	7234 J13
2312 E5	3317 C4	7235-A H12
2313 B7	3318 F4	7235-B I12
2314 E5	3319 G9	7311 B5
2315 D5	3320 H9	7312 F5
2316 G7	3321 G9	7313 G9
2317 D5	3322 H9	7314 H9
2318 G7	3323 H10	7315 D3
2319 B6	3324 H10	7316 I15
2320 F6	3325 D1	7317 J15
2321 C6	3326 D1	7318 K11
2322 G6	3327 B3	7711-A C8
2323 C7	3328 C2	7711-B D8
2324 G7	3330 C2	7712-A F8
2325 D4	3331 C3	7712-B E8
2326 G4	3332 C3	9111 J3
2327 B3	3333 C3	9112 J3
2328 B3	3334 D4	9113 J3
2329 C1	3335 E4	9114 F3
2330 C2	3336 E4	9115 F3
2331 E1	3341 K10	9117 F3
2341 I15	3342 K10	9118 G3
2342 J16	3343 J15	9119 G3
2343 J16	3344 J15	9120 G3
2344 H16	3345 J15	9181 F3
2345 G15	3346 J15	U500 F2
2346 G16	3347 I14	
2347 G15	3348 I14	
2348 G15	3349 I15	
2711 D9	3350 H16	
2712 E9	3351 H15	
2713 C9	3352 G16	
2714 F9	3353 G15	
2715 C8	3711 D10	
2716 E8	3712 D10	
2717 D8	3713 C9	
2718 F8	3714 F9	
2719 C8	3715 C8	
2720 E8	3716 E8	
2721 D8	3717 C8	
2722 F8	3718 F8	
2723 C6	3719 C7	
2724 E6	3720 E7	
2725 D6	3721 D7	
2726 F6	3722 F7	
3111 J6	3723 D7	
3112 K6	3724 D6	
3113 J7	3725 D6	
3114 J7	3726 E6	
3115 J7	3727 C6	
3116 J8	3728 E6	
3117 J8	3729 C6	
3118 K6	3730 E6	
3119 K6	3731 D6	
3120 L7	3732 E6	
3121 L7	3733 D6	
3122 L7	3734 E6	
3123 K8	3735 D6	
3124 K8	3736 F6	
3125 K9	3737 D6	
3211 B10	3738 F6	
3212 E10	5110 J4	
3213 B10	5310 B2	
3214 E10	5311 F15	
3215 B10	5312 H16	
3216 E10	5313 K11	
3217 C10	5314 H8	
3218 G10	6111 H5	
3219 C10	6112 H5	
3220 G10	6113 H5	
3221 C10	6114 I5	
3222 G10	6115 I6	
3223 B10	6116 J6	
3224 E10	6117 J6	
3225 B10	6118 J6	

AUDIO AMPLIFIER PCB COMPONENT SIDE VIEW

0002 D7
0003 B10
0004 F9
0005 B13
1111 A2
1112 B2
1113 C3
1114 C7
1115 C7
1211 A12
1212 C11
1213 E11
1214 I12
1215 I12
1216 I12
1217 G6
1300 G8
1303 G10
1311 I12
1312 A8
1313 A9
1314 A10
1315 A7
1400 E5
1401 H5
1402 G5
1403 I8
2111 A7
2112 B7
2113 B2
2114 B9
2115 D9
2116 B9
2117 B9
2118 C7
2119 C9
2120 E9
2121 E7
2122 D9
2123 D8
2124 C8
2125 C8
2126 D7
2127 E6
2128 B2
2129 C7
2130 A7
2131 A7
2132 A9
2133 D7
2211 C11
2212 C12
2213 C12
2214 B13
2215 B11
2216 B12
2217 B10
2218 B13
2219 A10
2220 A13
2221 A11
2222 A12
2223 A11
2224 A12
2225 B12
2226 B12
2227 A11
2228 A12
2229 A13
2230 C13
2311 F11
2312 F13
2313 F10
2314 F13
2315 F10
2316 F13
2317 F10
2318 E13
2319 E11
2320 E13
2321 E10
2322 E12
2323 F11
2324 F12
2325 E11
2326 B12
2327 A11
2328 H11
2329 G13
2330 G13
2341 G9
2342 A8
2343 A8
2344 A10
2345 A9
2346 A9
2347 A10
2400 F7
2401 F8
2411 G6
2412 G6
2413 G6
2414 H6
2415 H6
2416 H6
2423 I11
2424 I11
2440 E5
2442 E5
2711 D11
2712 D12
2713 D11
2714 D12
2715 D11
2716 D13
2717 D10
2718 C13
2719 C11
2720 D12
2721 D11
2722 C12
2723 E11
2724 H6
2725 E10
2726 E12
3114 B8
3124 D8
3249 C11
3250 C12
3251 C12
3252 C12
3311 F11
3312 F13
3313 F10
3314 F12
3327 H11
3400 I7
3401 H8
3402 H8
3403 I9
3404 H9
3410 G6
3451 F7
3452 F7
3455 I6
3459 H6
3711 E11
3712 E12
3713 E11
3714 E12
4401 G8
5110 B7
5310 H13
5311 H13
5312 I13
5313 I13
5314 E10
5401 G8
5402 H9
5403 I7
6111 A7
6112 B7
6113 B7
6114 A7
6115 C7
6116 C8
6117 C8
6118 C8
6119 C8
6120 B8
6121 E8
6122 E8
6123 C7
6124 D7
6125 D7
6126 D8
6127 D8
6128 C8
6211 B10
6212 B13
6213 B13
6214 B12
6215 D11
6216 B12
6217 B10
6218 B10
6219 C10
6220 C13
6311 H10
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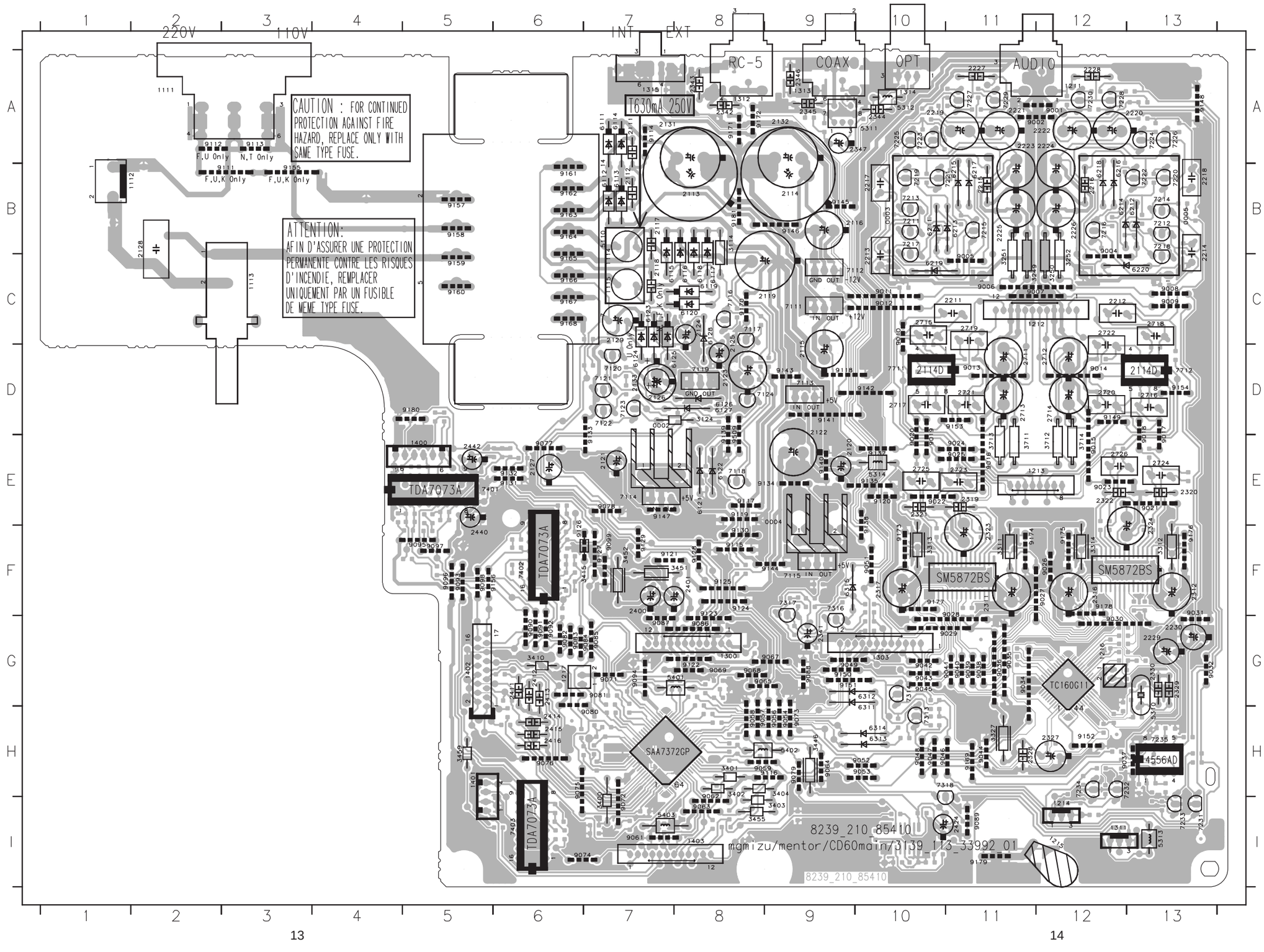

AUDIO AMPLIFIER PCB COPPER SIDE VIEW

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3239 B2
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3325 C1
3326 H1
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3332 G2
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4418 I5
4419 D6
4420 I8
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4429 F9
4430 E8
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4434 G7
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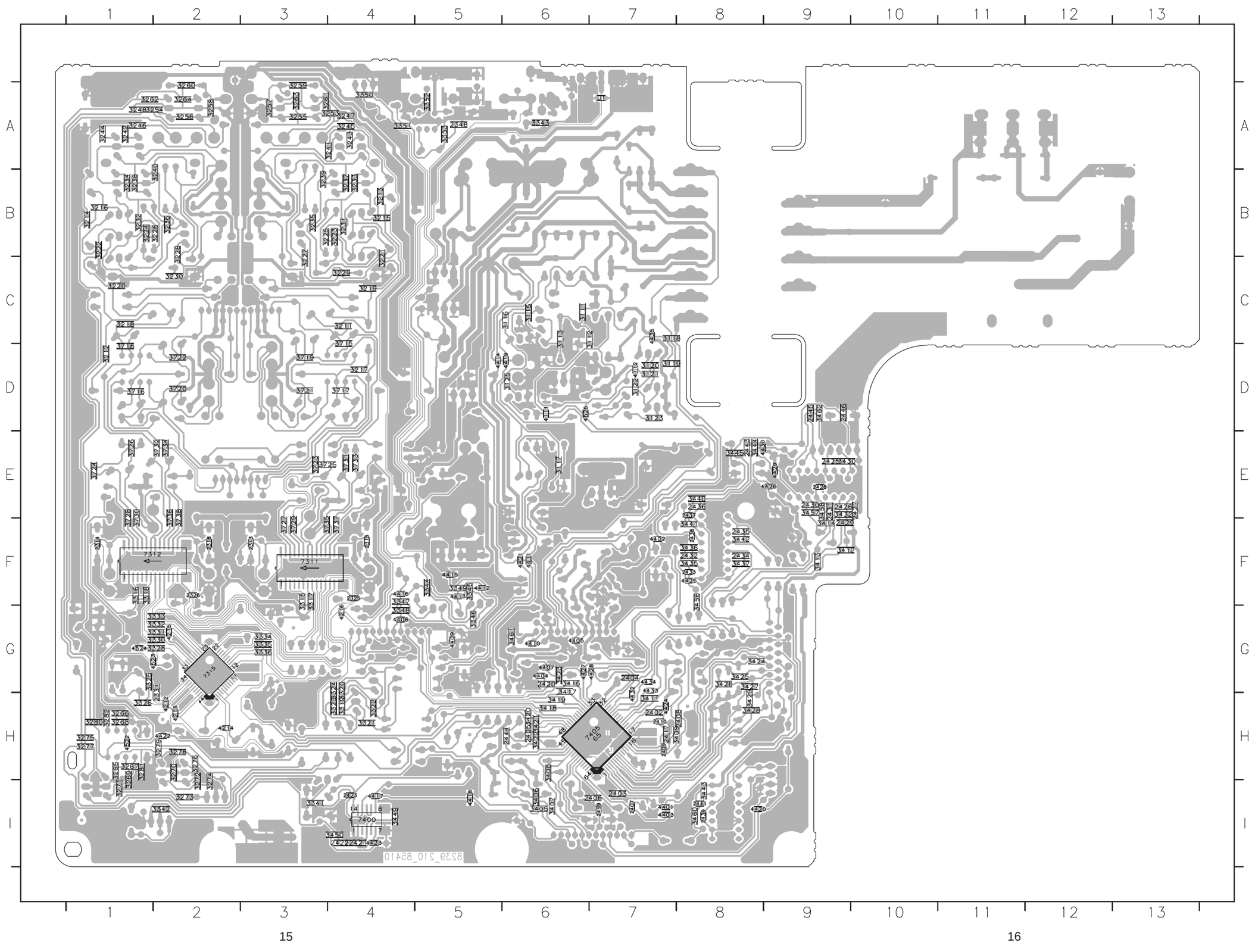
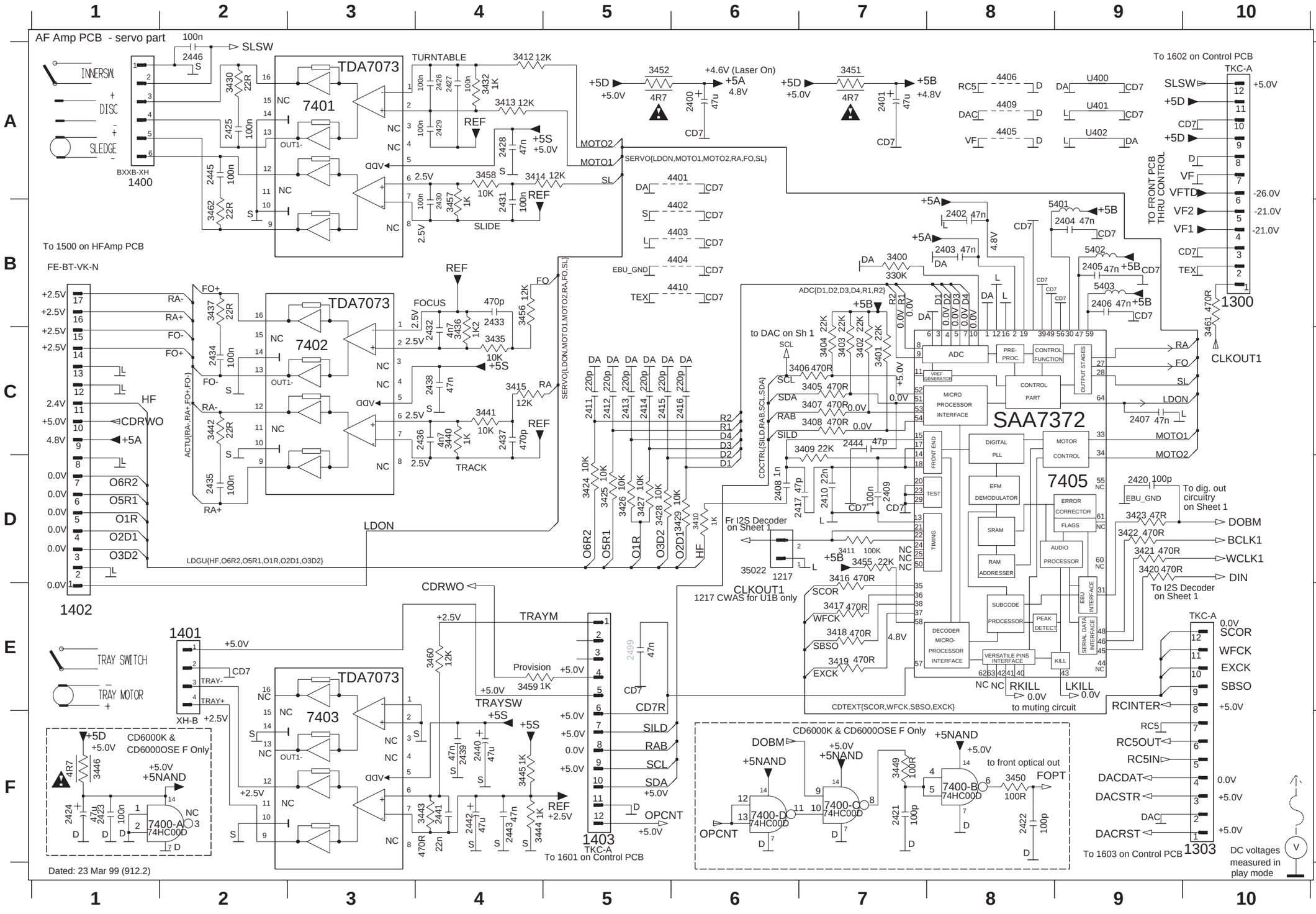


AUDIO AMPLIFIER PCB SERVO PART



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1403 F5	3436 C4
2400 A6	3437 B2
2401 A7	3440 C4
2402 B8	3441 C4
2403 B8	3442 C2
2404 B9	3443 F4
2405 B9	3444 F4
2406 B9	3445 F4
2407 C9	3446 F1
2408 D6	3449 F7
2409 D7	3450 F8
2410 D7	3451 A7
2411 C5	3452 A5
2412 C5	3455 D7
2413 C5	3456 B4
2414 C5	3457 B4
2415 C6	3458 A4
2416 D7	3459 E4
2420 D9	3460 E4
2421 F7	3461 B10
2422 F8	3462 B2
2423 F1	4401 A6
2424 F1	4402 B6
2425 A2	4403 B6
2426 A4	4404 A8
2427 A4	4405 A8
2428 A4	4406 A8
2429 A4	4409 A8
2430 B4	4410 B6
2431 B4	5401 B9
2432 C4	5402 B9
2433 B4	5403 B9
2434 C2	7400-A F1
2435 D2	7400-B F8
2436 C4	7400-C F7
2437 C4	7400-D F6
2438 C4	7401 A3
2439 F4	7402 C3
2440 F4	7403 F3
2441 F4	7405 D9
2442 F4	U400 A9
2443 F4	U401 A9
2444 C7	U402 A9
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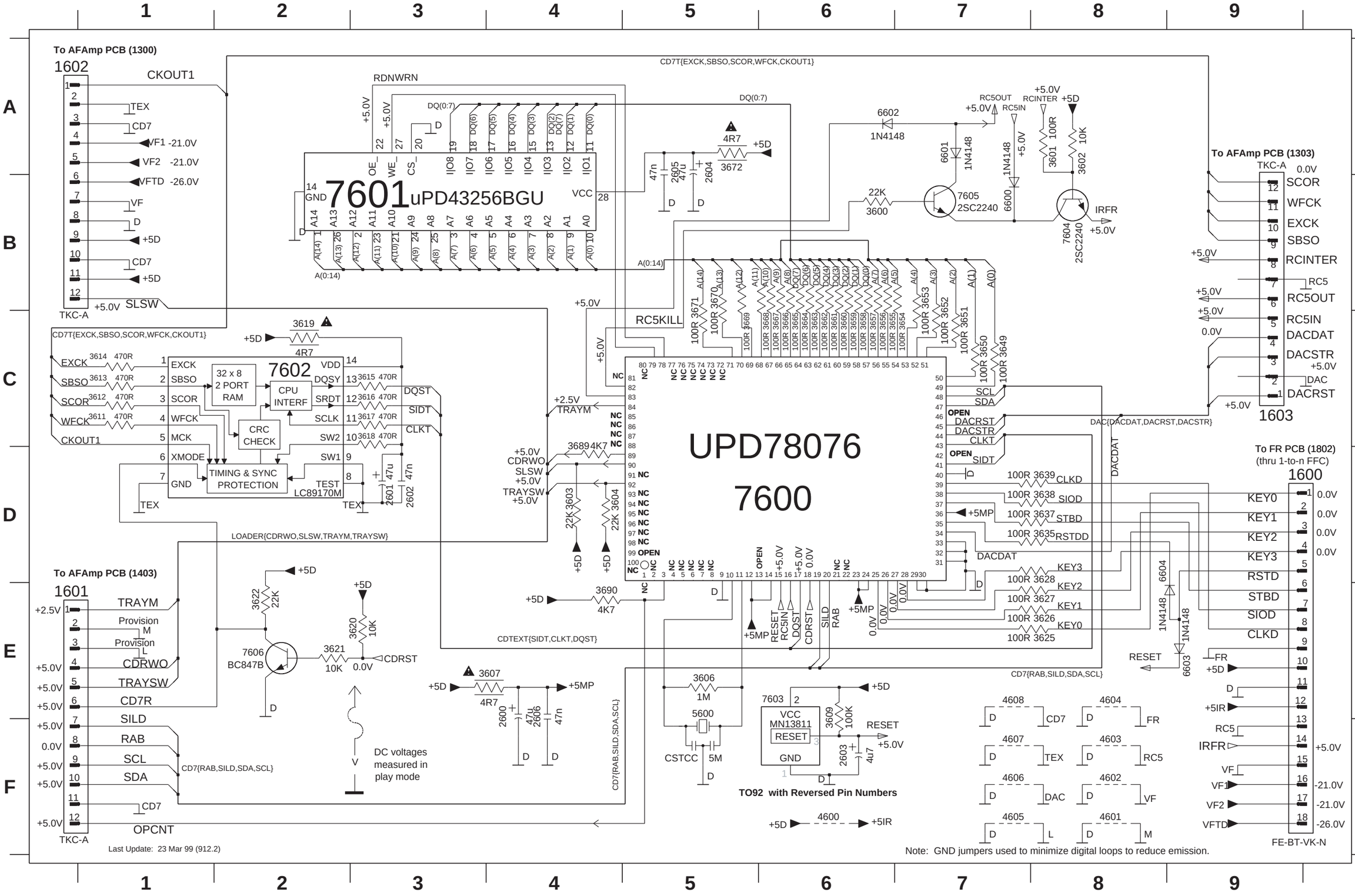
3425 D5	
3426 D5	

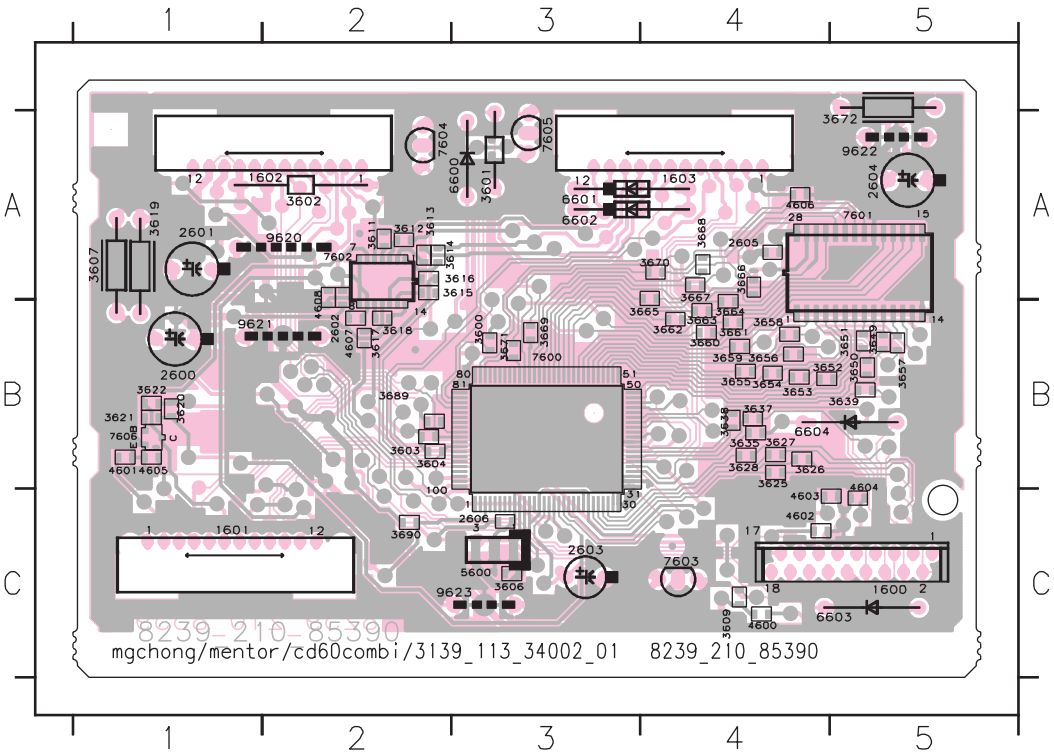
CONTROL PCB

1600 D9	2600 E4	2604 A5	3601 A8	3606 E5	3612 C1	3616 C3	3620 E3	3626 E8	3637 D8	3650 C7	3654 C7	3658 C6	3662 C6	3666 C6	3670 B5	3690 E4	4603 F8	4607 F7	6601 A7	7600 D6	7604 B8
1601 E1	2601 D3	2605 A5	3602 A8	3607 E4	3613 C1	3617 C3	3621 E2	3627 E8	3638 D8	3651 C7	3655 C6	3659 C6	3663 C6	3667 C6	3671 B5	4600 F6	4604 E8	4608 E7	6602 A6	7601 B3	7605 B7
1602 A1	2602 D3	2606 E4	3603 D4	3609 E6	3614 C1	3618 C3	3622 E2	3628 D8	3639 D8	3652 B7	3656 C6	3660 C6	3664 C6	3668 C6	3672 A5	4601 F8	4605 F7	5600 E5	6603 E9	7602 C2	7606 E2
1603 C9	2603 F6	3600 B6	3604 D4	3611 C1	3615 C3	3619 C2	3625 E8	3635 D8	3649 C7	3653 B7	3657 C6	3661 C6	3665 C6	3669 C5	3689 D4	4602 F8	4606 F7	6600 B7	6604 D8	7603 E6	



CONTROL PCB COMPONENT SIDE VIEW

1600 C5	3600 B3	3614 A2	3627 B4	3654 B4	3665 B4	4601 B1	6602 A3	9621 B1
1601 C1	3601 A3	3615 A3	3628 B4	3655 B4	3666 A4	4602 C4	6603 C5	9622 A5
1602 A2	3602 A2	3616 A3	3635 B4	3656 B4	3667 A4	4603 C4	6604 B4	9623 C3
1603 A4	3603 B2	3617 B2	3637 B4	3657 B5	3668 A4	4604 B5	7600 B3	
2600 B1	3604 B2	3618 B2	3638 B4	3658 B4	3669 B3	4605 B1	7601 A5	
2601 A1	3606 C3	3619 A1	3639 B5	3659 B4	3670 A4	4606 A4	7602 A2	
2602 B2	3607 A1	3620 B1	3649 B5	3660 B4	3671 B3	4607 B2	7603 C4	
2603 C3	3609 C4	3621 B1	3650 B5	3661 B4	3672 A5	4608 B2	7604 A2	
2604 A5	3611 A2	3622 B1	3651 B5	3662 B4	3689 B2	5600 C3	7605 A3	
2605 A4	3612 A2	3625 B4	3652 B4	3663 B4	3690 C2	6600 A3	7606 B1	
2606 C3	3613 A2	3626 B4	3653 B4	3664 B4	4600 C4	6601 A3	9620 A2	



HDAM PCB COMPONENT SIDE VIEW

0003	A1	3755	B1	3767	A1	3779	A1	3791	A1	6763	A1	7759	B1	7771	A1
0004	A3	3756	B3	3768	A3	3780	A3	3792	A4	6764	A3	7760	B3	7772	A3
1751	B2	3757	B2	3769	A2	3781	A1	3793	A1	6765	A2	7761	B2	7773	A2
1752	A2	3758	B4	3770	A4	3782	A4	3794	A4	6766	A4	7762	B4	7774	A4
2751	A1	3759	A1	3771	A1	3783	A1	6751	A1	7751	B1	7763	A1	7775	A1
2752	A3	3760	A3	3772	A3	3784	A3	6752	A3	7752	B3	7764	A3	7776	A3
2753	A2	3761	A1	3773	A2	3785	A2	6753	A1	7753	B2	7765	A1	7777	A2
2754	A4	3762	A3	3774	A4	3786	A4	6754	A4	7754	B4	7766	A4	7778	A4
3751	B1	3763	A1	3775	A1	3787	A1	6755	A1	7755	B1	7767	A1	7779	A1
3752	B3	3764	A3	3776	A3	3788	A3	6756	A3	7756	B3	7768	A3	7780	A4
3753	B2	3765	A1	3777	A2	3789	A2	6757	A2	7757	B2	7769	A2	7781	A1
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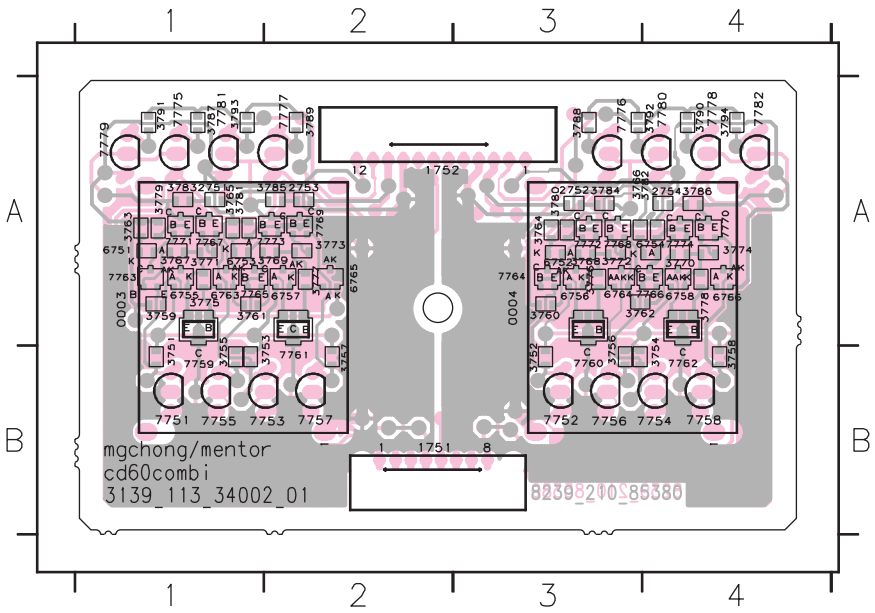
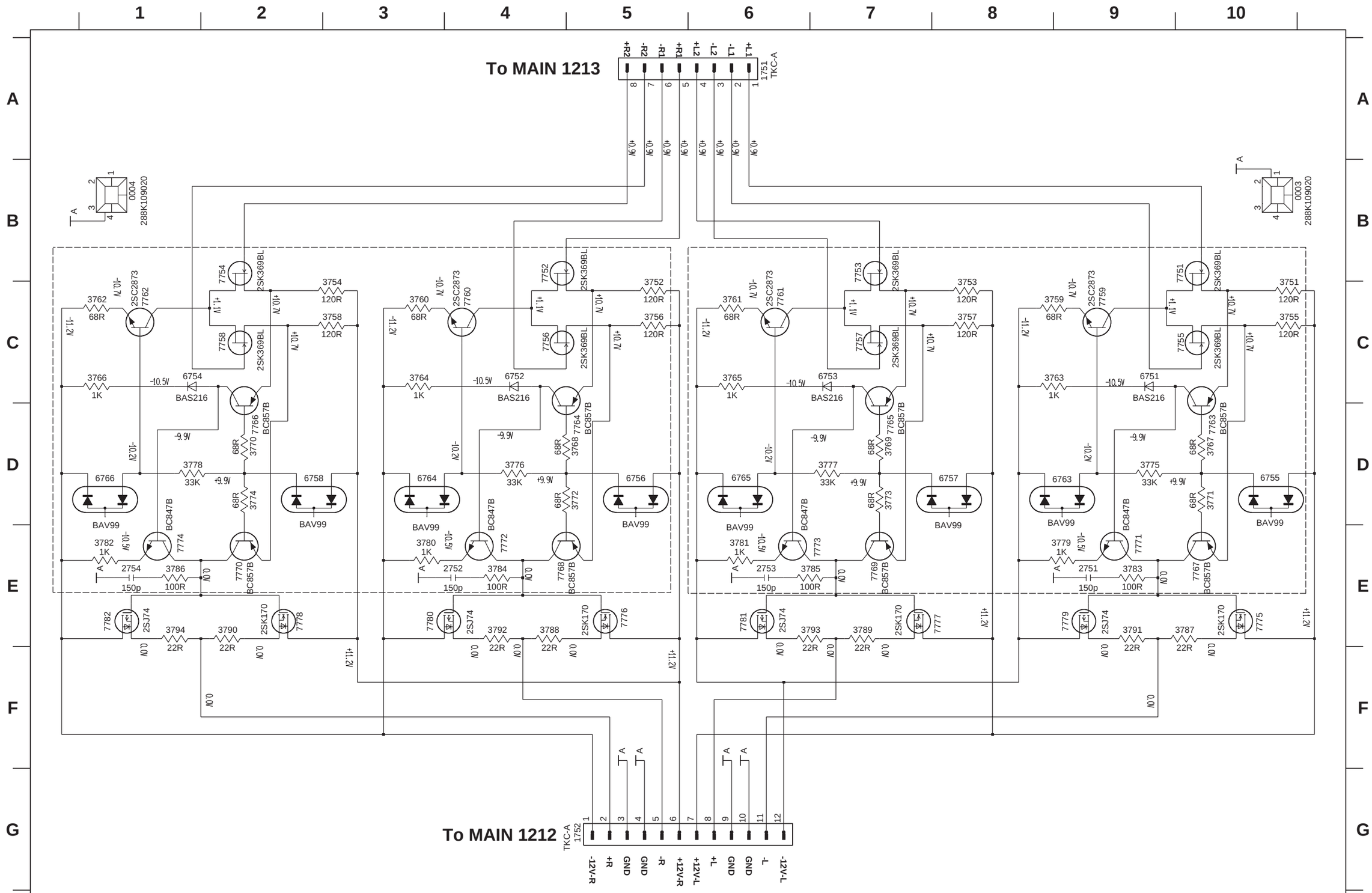


HDAM PCB

0003 B10	2751 E9	3751 C10	3755 C10	3759 C9	3763 C9	3767 D10	3771 D10	3775 D9	3779 E9	3783 E9	3787 E10	3791 E9	6751 C9	6755 D10	6763 D9	7751 B10	7755 C10	7759 C9	7763 D10	7767 E10	7771 E9	7775 E10	7779 E9
0004 B1	2752 E4	3752 C5	3756 C5	3760 C3	3764 C3	3768 D5	3772 D5	3776 D4	3780 E3	3784 E4	3788 E4	3792 E4	6752 C4	6756 D5	6764 D3	7752 B4	7756 C4	7760 C4	7764 D5	7768 E4	7772 E4	7776 E5	7780 E3
1751 A6	2753 E6	3753 C8	3757 C8	3761 C6	3765 C6	3769 D7	3773 D7	3777 D7	3781 E6	3785 E7	3789 E7	3793 E7	6753 C7	6757 D8	6765 D6	7753 B7	7757 C7	7761 C6	7765 D7	7769 E7	7773 E7	7777 E8	7781 E6
1752 G5	2754 E1	3754 C3	3758 C3	3762 C1	3766 C1	3770 D2	3774 D2	3778 D1	3782 E1	3786 E1	3790 E2	3794 E1	6754 C1	6758 D2	6766 D1	7754 B2	7758 C2	7762 C1	7766 D2	7770 E2	7774 E1	7778 E2	7782 E1



FRONT PCB

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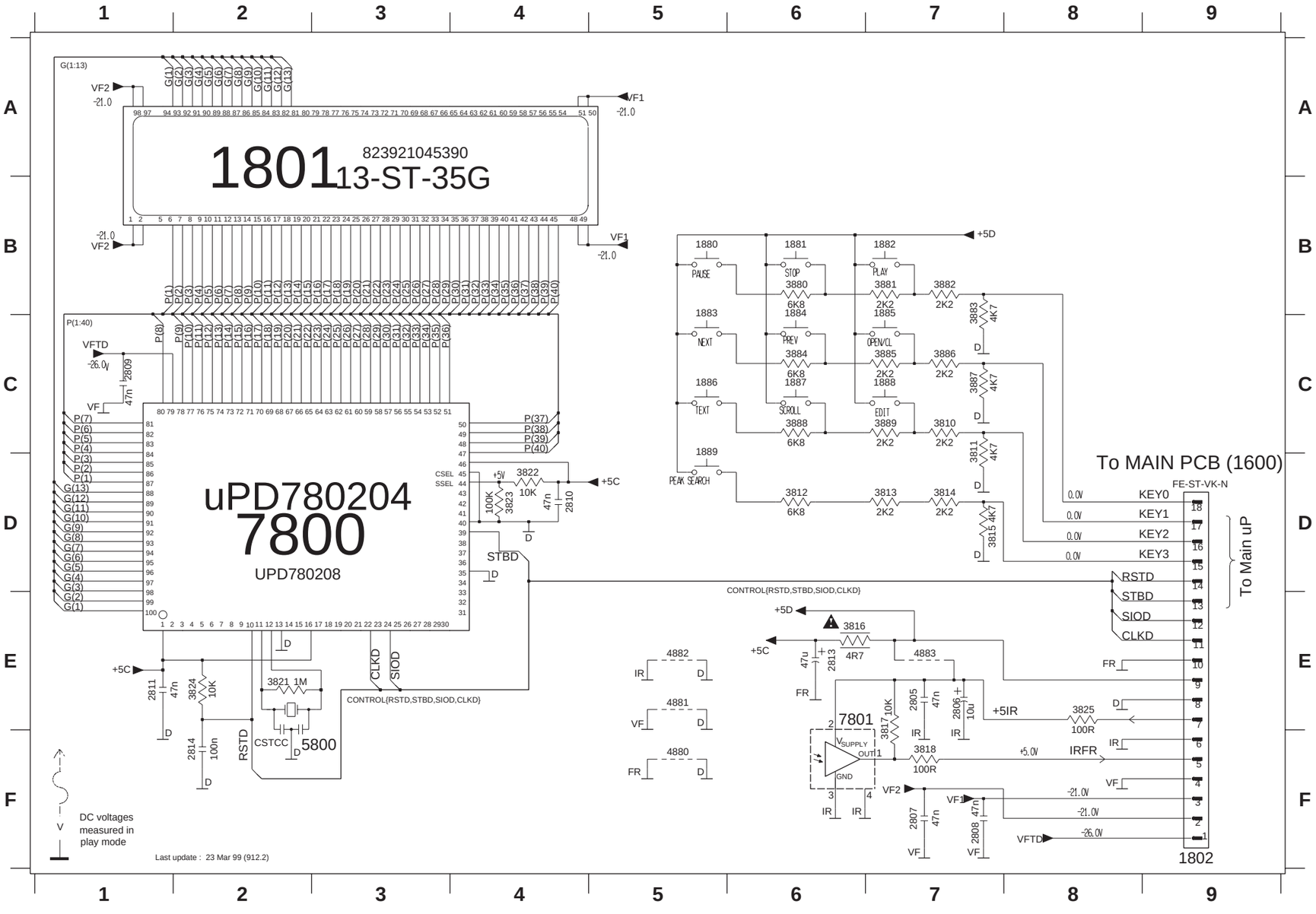
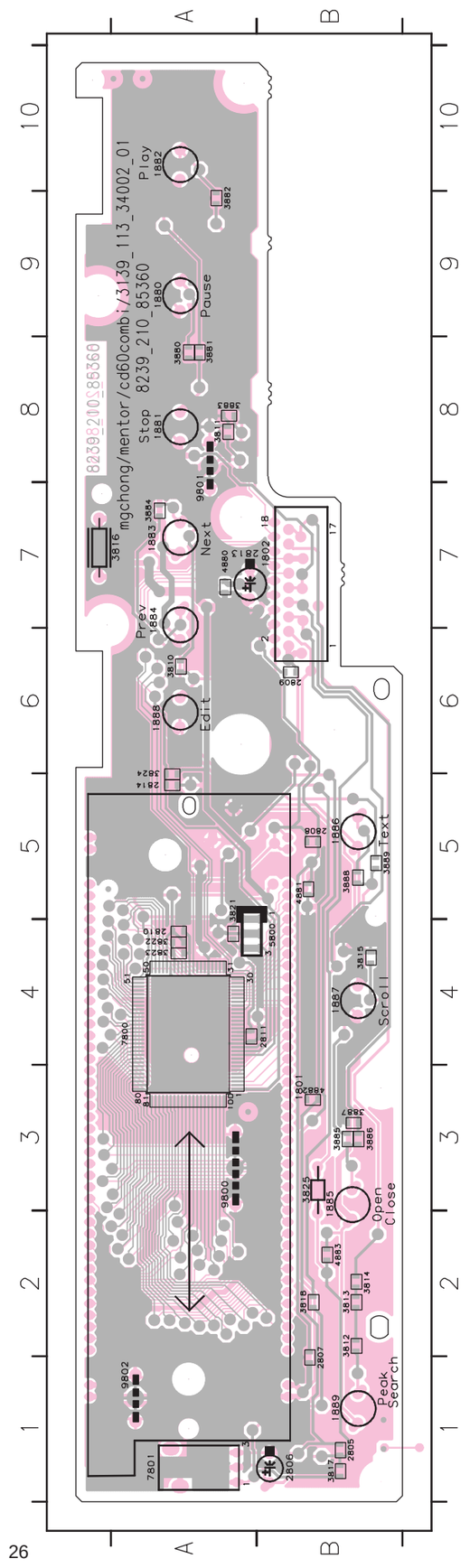
1802 F9 1882 B7 1885 C7 1888 C7 2806 E7 2809 C1 2813 E6 3811 C7 3814 D7 3817 E7 3822 D4 3825 E8 3882 B7 3885 C7 3888 C6 4881 E5 5800 F3
1880 B5 1883 C5 1886 C5 1889 D5 2807 F7 2810 D4 2814 F2 3812 D6 3815 D7 3818 F7 3823 D4 3880 B6 3883 B7 3886 C7 3889 C7 4882 E5 7800 D3



FRONT PCB COMPONENT SIDE VIEW



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1889 B1
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3887 B3
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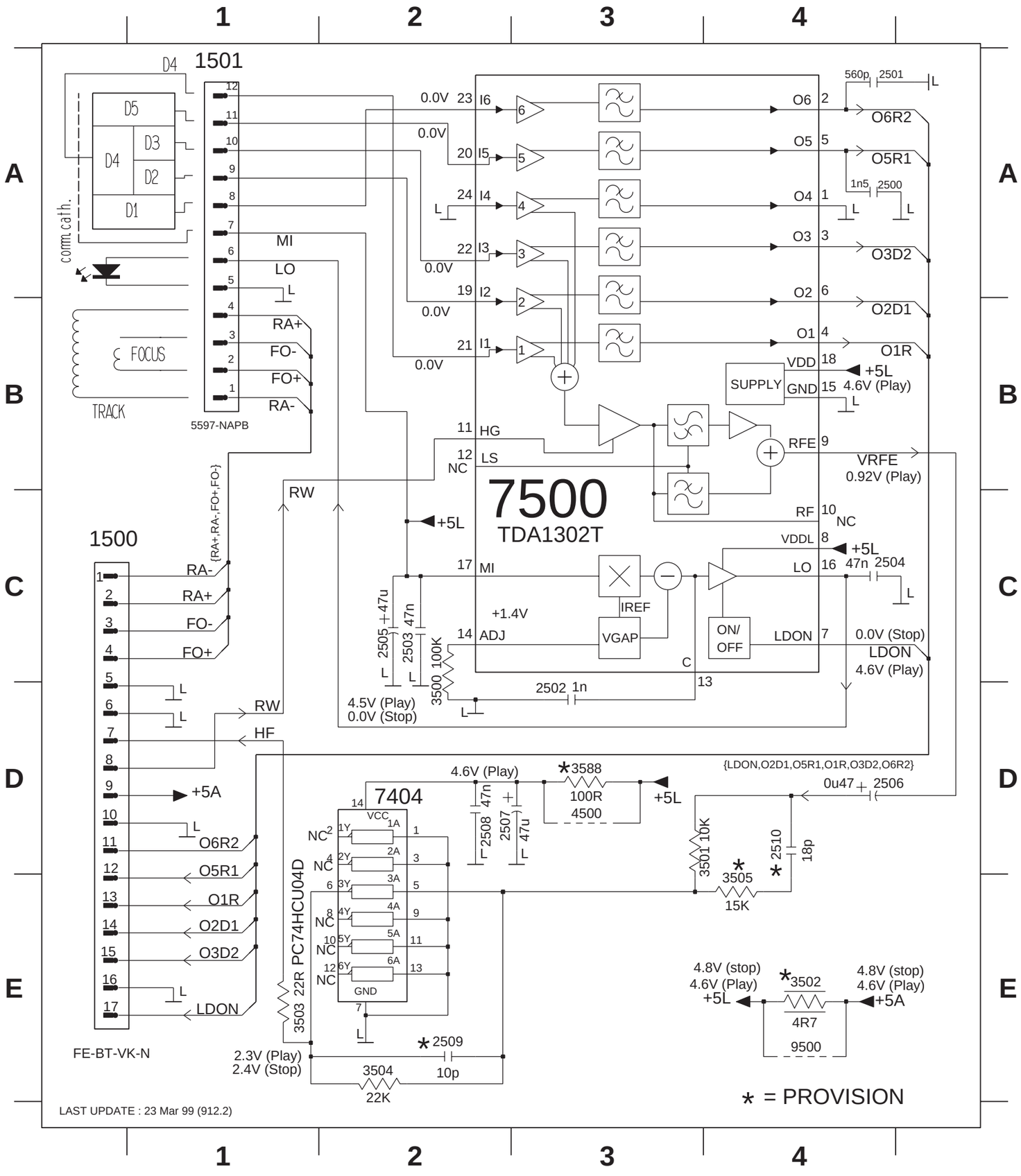
HF AMP PCB



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2504	C4
2505	C2
2506	D4
2507	D2
2508	D2
2509	E2
2510	D4
3500	D2
3501	D3
3502	E4
3503	E1
3504	E2
3505	E4
3588	D3
4500	D3
7404	D2
7500	C2
9500	E4

HF AMP PCB COMPONENT SIDE VIEW

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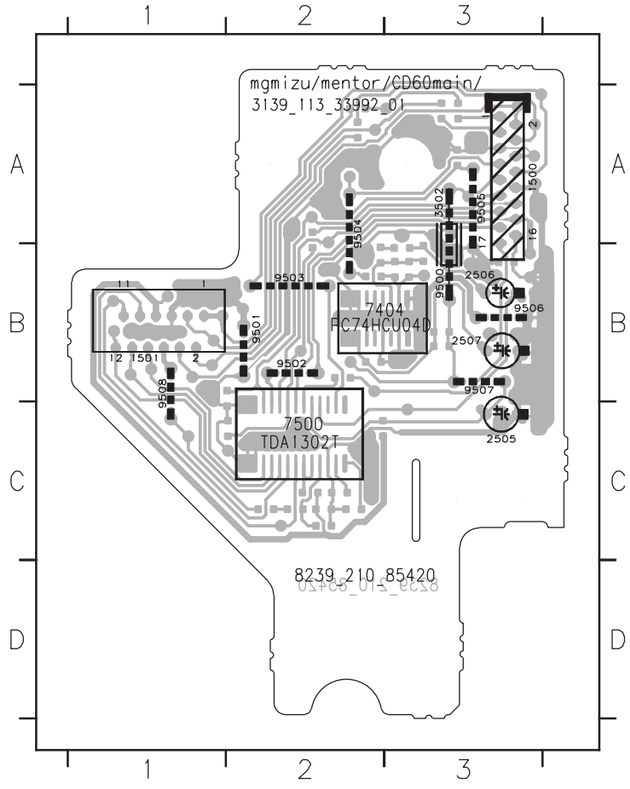
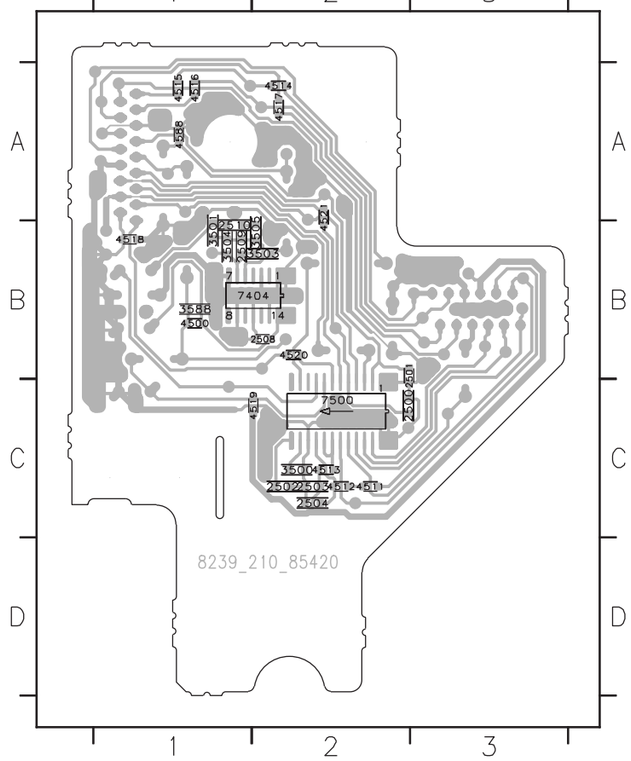
1501 B1 2506 B3 3502 A3 9501 B2 9503 B2 9505 A3 9507 B3

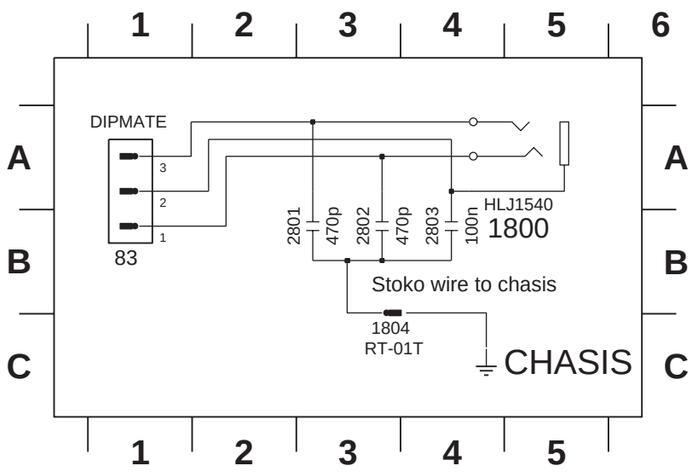


HF AMP PCB COPPER SIDE VIEW

2500 C2 2504 C2 3500 C2 3505 B2 4512 C2 4516 A1 4520 B2 7500 C2
2501 B2 2508 B2 3501 B1 3588 B1 4513 C2 4517 A2 4521 A2
2502 C2 2509 B1 3503 B2 4500 B1 4514 A2 4518 B1 4588 A1
2503 C2 2510 B1 3504 B1 4511 C2 4515 A1 4519 C2 7404 B2

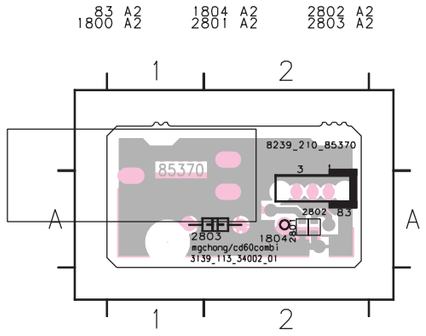


HEADPHONE JACK PCB



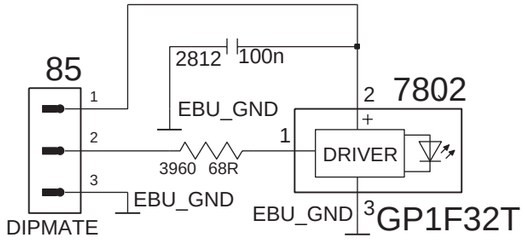
83 B1
1800 B5
1804 C3
2801 B2
2802 B3
2803 B4

HEADPHONE JACK PCB COMPONENT SIDE VIEW



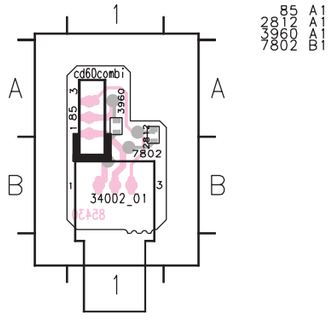
OPTICAL OUT PCB

1805 = CWAS 03EH/OP 100mm



Optical Out Breakaway

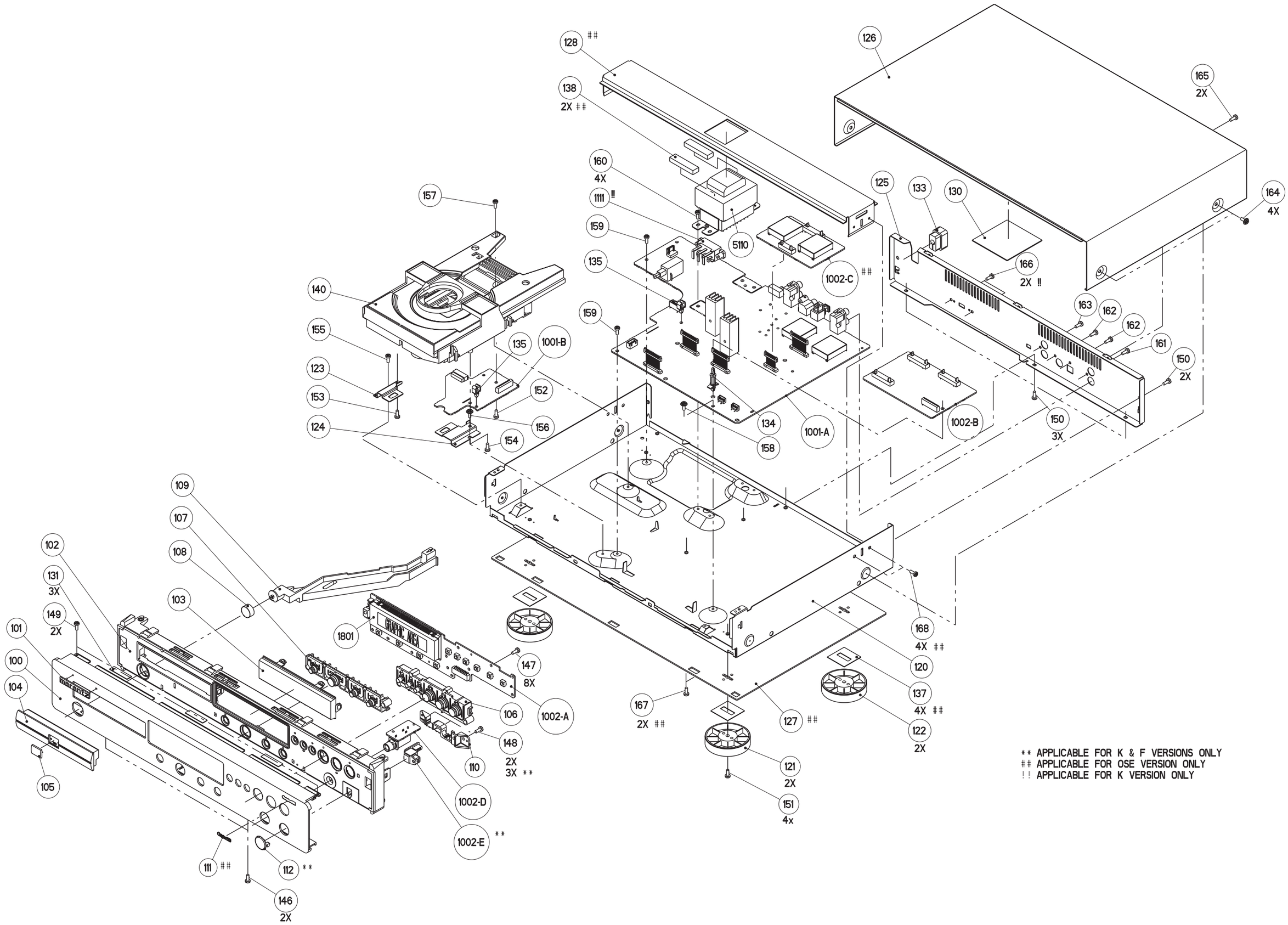
OPTICAL OUT PCB COMPONENT SIDE VIEW



9. EXPLODED VIEW AND PARTS LIST

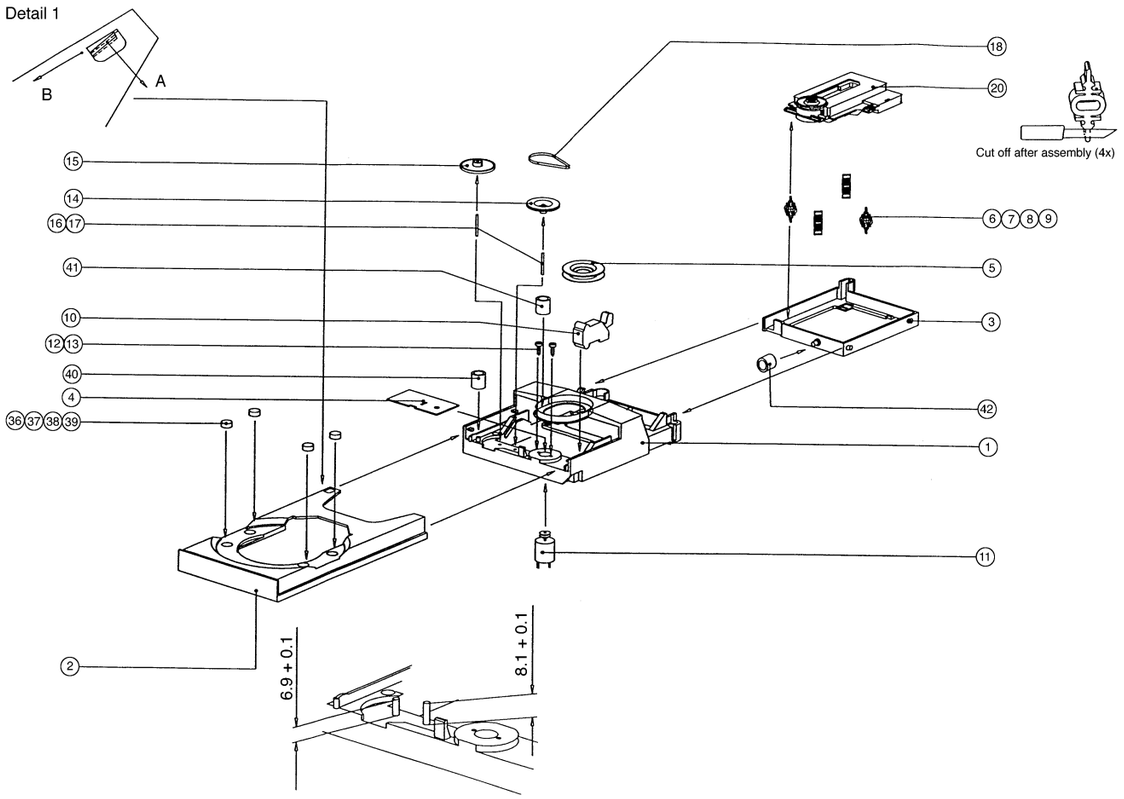
(VERS. :VERSION, U:U.S.A., F:JAPAN, K:FAR EAST, ⁎⁎:EUROPE)

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION
100	F/N,F/T,F/U BLK	4822 459 05335	AL FRONT CD6000 OSE BL
100	F/N GLD	4822 459 05336	AL FRONT CD6000 OSE GL
100	F/F BLK	3139 117 88420	AL FRONT CD6000 OSE B W/OPT
100	F/F GLD	3139 117 88460	AL FRONT CD6000 OSE N W/OPT
100	/N/T BLK	4822 459 05324	AL FRONT CD6000 BL
100	/N GLD	4822 459 05328	AL FRONT CD6000 GL
100	/K BLK	3139 117 88410	AL FRONT CD6000 BL W/OPT
100	/K GLD	3139 117 88450	AL FRONT CD6000 GL W/OPT
101		4822 454 11825	BADGE MARANTZ
102	BLK	4822 459 05325	CABINET FRONT BLK
102	GLD	4822 459 05334	CABINET FRONT GL
103		4822 450 10684	WINDOW DISPLAY
104	BLK	4822 442 01888	COVER TRAY BLK
104	GLD	4822 442 01926	COVER TRAY GLD
105	BLK	3139 117 89170	BADGE DISC BLK
105	GLD	3139 117 87910	BADGE DISC GLD
106	BLK	4822 410 12497	BUTTON SET PLAY BLK
106	GLD	4822 410 12549	BUTTON SET PLAY GLD
107	BLK	4822 410 12498	BUTTON SET OP/CL BLK
107	GLD	4822 410 12551	BUTTON SET OP/CL GLD
108	BLK	4822 410 12499	BUTTON POWER BLK
108	GLD	4822 410 12552	BUTTON POWER GLD
109		4822 402 11357	LEVER POWER
111	F/N,F/T,F/U,F/F	4822 454 13476	BADGE OSE
112	F/F,/K BLK	3139 114 66110	CAP OPTICAL FRONT BLK
112	F/F/K GLD	3139 114 67440	CAP OPTICAL FRONT GLD
121		4822 462 42129	FOOT GLD FRONT
122	/N/T,F/N,F/T,F/U	4822 462 42131	FOOT GLD REAR
133		4822 532 60948	BUSH, PLASTIC
134		4822 402 10386	BRACKET, PLASTIC
135		4822 401 11808	WIRE CLAMPER
140		4822 691 10803	CD LOADER 1210/41
356		4822 219 10748	REMOTE CONTROL RC07111/02
387	/N/T,F/N,F/T	4822 736 17083	USER GUIDE for /N, /T
387	F/U	4822 736 17119	USER GUIDE for /U
387	F/F	3139 116 19000	USER GUIDE for /F
387	/K	3139 119 19010	USER GUIDE for /K
1003	/N,F/N	4822 321 10809	MAINS CORD for /N
1003	/T,F/T	4822 321 11509	MAINS CORD for /T
1003	/K	4822 321 11139	MAINS CORD for /K
1003	F/U	4822 321 11464	MAINS CORD for /U
1003	F/F	4822 321 11349	MAINS CORD for /F



** APPLICABLE FOR K & F VERSIONS ONLY
APPLICABLE FOR OSE VERSION ONLY
!! APPLICABLE FOR K VERSION ONLY

CD LOADER EXPLODED VIEW



(VERS. :VERSION, U:U.S.A., F:JAPAN, K:FAR EAST, **:EUROPE)

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION
2		4822 444 50679	TRAY, PLASTIC
3		4822 464 50895	CHASSIS, PLASTIC
4		4822 444 60816	COVER, PLASTIC
5		4822 402 61412	BRACKET, STEEL
6		4822 325 50215	GROMMET, RUBBER
7		4822 325 50215	GROMMET, RUBBER
8		4822 325 50215	GROMMET, RUBBER
9		4822 325 50215	GROMMET, RUBBER
10		4822 276 13979	SWITCH, OTHERS
11		4822 361 21492	MOTOR DC <=37.5W
14		4822 528 11268	PULLEY, PLASTIC
15		4822 528 81464	TOOTHED WHEEL
16		4822 535 93319	SPINDLE
17		4822 535 93319	SPINDLE
18		4822 358 31168	BELT, DRIVING
20		4822 691 10615	CD MECHA VAM1201
36		4822 325 80511	STOPPER, PLASTIC
37		4822 325 80511	STOPPER, PLASTIC
38		4822 325 80511	STOPPER, PLASTIC
39		4822 325 80511	STOPPER, PLASTIC
40		4822 325 60379	GROMMET, RUBBER
41		4822 325 60379	GROMMET, RUBBER
42		4822 325 60379	GROMMET, RUBBER

10. ELECTRICAL PARTS LIST

(VERS. :VERSION, U:U.S.A., F:JAPAN, K:FAR EAST, **:EUROPE)

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION
			AUDIO AMPLIFIER
			CIRCUIT BOARD
1112		4822 265 20723	CONN.B2P3-VH
⚠ 1113		4822 276 14113	POWER SWITCH 1P 4A/32A
⚠ 1114		4822 071 56301	FUSE 19372(630MA)
⚠ 1115		4822 071 56301	FUSE 19372(630MA)
1211		4822 265 11626	CINCH SOCKET AUDIO OUT
1212	F/N,F/T,F/U,F/F	4822 265 11627	CONN. 12P REV. ENTRY
1213	F/N,F/T,F/U,F/F	4822 265 11634	CONN. 8P
1300		4822 265 11627	CONN. 12P REV. ENTRY
1303		4822 265 11627	CONN. 12P REV. ENTRY
1312		4822 267 41009	MTZJ2.0B
1314		4822 130 10845	GP1F32T OPT
1315		4822 277 11883	SWITCH SLIDE 2P 2POS
1402		4822 267 10871	CONN.17POL. FEM.
1403		4822 265 11627	CONN. 12P REV. ENTRY
1907		4822 320 12726	FLEX FOIL 18P - 120MM
1909		4822 320 12727	FLEX FOIL 17P - 120MM
2111		4822 126 12785	47NF Y5VTUB 50V
2112		4822 126 12785	47NF Y5VTUB 50V
2113	/N/T/K	4822 124 12429	470μF 20% 35V
2114	/N/T/K	4822 124 12429	470μF 20% 35V
2115		4822 124 20695	470μF 50% 16V
2116		4822 124 20695	470μF 50% 16V
2117		4822 126 12785	47NF Y5VTUB 50V
2118		4822 126 12785	47NF Y5VTUB 50V
2119		4822 124 41458	4700μF 20% 16V
2120		4822 124 40433	47μF 20% 25V
2121		4822 124 40433	47μF 20% 25V
2122		4822 124 12431	3300μF 20% 6.3V
2123	F/U	4822 124 81144	1000μF 16V
2124		4822 124 21913	1μF 20% 63V
2125		5322 124 21731	10μF 20% 50V
2126	/N/T/K,F/N,F/T,F/U,F/F	4822 124 12432	100μF 20% 50V
2127		4822 124 12433	47μF 20% 35V
⚠ 2128		4822 126 14084	4.7NF 20% 250V
2129		4822 124 12432	100μF 20% 50V
2131	F/N,F/T,F/U,F/F	4822 124 12441	1000μF 20% 35V
2132	F/N,F/T,F/U,F/F	4822 124 12441	1000μF 20% 35V
2133	F/U		220μF
2211		4822 121 10524	390pF 2.5% 100V
2212		4822 121 10524	390pF 2.5% 100V
2213		4822 121 10872	100pF 5% 100V
2214		4822 121 10872	100pF 5% 100V
2215		4822 122 33849	150pF 10%Y5P 50V
2216		4822 122 33849	150pF 10%Y5P 50V
2217		4822 121 10872	100pF 5% 100V
2218		4822 121 10872	100pF 5% 100V
2219		4822 124 12434	220μF 20% 16V
2220		4822 124 12434	220μF 20% 16V
2221		4822 124 12434	220μF 20% 16V
2222		4822 124 12434	220μF 20% 16V
2223		4822 124 20695	470μF 50% 16V
2224		4822 124 20695	470μF 50% 16V
2225		4822 124 20695	470μF 50% 16V
2226		4822 124 20695	470μF 50% 16V
2227		4822 122 33195	100pF 10% 50V
2228		4822 122 33195	100pF 10% 50V
2229		4822 124 40207	100μF 20% 25V
2230		4822 124 40207	100μF 20% 25V
2311		4822 124 20695	470μF 50% 16V
2312		4822 124 20695	470μF 50% 16V
2313		4822 126 13751	47NF 10% X7R 63V
2314		4822 126 13751	47NF 10% X7R 63V

(VERS. :VERSION, U:U.S.A., F:JAPAN, K:FAR EAST, **:EUROPE)

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION
2315		4822 126 13751	47NF 10% X7R 63V
2316		4822 124 20695	470μF 50% 16V
2317		4822 124 20695	470μF 50% 16V
2318		4822 126 13751	47NF 10% X7R 63V
2319		4822 126 12785	47NF Y5VTUB 50V
2320		4822 126 12785	47NF Y5VTUB 50V
2321		4822 126 12785	47NF Y5VTUB 50V
2322		4822 126 12785	47NF Y5VTUB 50V
2323		4822 124 12434	220μF 20% 16V
2324		4822 124 12434	220μF 20% 16V
2325		4822 126 13751	47NF 10% X7R 63V
2326		4822 126 13751	47NF 10% X7R 63V
2327		4822 124 12022	220μF 20% 25V
2328		4822 126 12785	47NF Y5VTUB 50V
2329		4822 122 33847	10pF 5% NP0 50V
2330		4822 122 33847	10pF 5% NP0 50V
2331		4822 126 14585	100NF 10% X7R 0805 50V
2341		5322 124 21731	10μF 20% 50V
2342		4822 122 33848	47pF 5% SL 50V
2343		4822 126 12882	100NF +80-20% 50V
2344		4822 126 12882	100NF +80-20% 50V
2345		4822 126 12882	100NF +80-20% 50V
2346		4822 126 12882	100NF +80-20% 50V
2347		5322 124 21731	10μF 20% 50V
2348		5322 122 32531	100pF 5% NP0 50V
2400		4822 124 40433	47UF 20% 25V
2401		4822 124 40433	47UF 20% 25V
2402		4822 126 13751	47NF 10% X7R 63V
2403		4822 126 13751	47NF 10% X7R 63V
2404		4822 126 13751	47NF 10% X7R 63V
2405		4822 126 13751	47NF 10% X7R 63V
2406		4822 126 13751	47NF 10% X7R 63V
2407		4822 126 13751	47NF 10% X7R 63V
2408		5322 126 10511	1NF 5% NP0 50V
2409		4822 126 13838	100NF Y5V 0805 50V P80M20
2410		5322 122 32654	22NF 10% X7R 63V
2411		4822 122 10466	220pF 10% 50V
2412		4822 122 10466	220pF 10% 50V
2413		4822 122 10466	220pF 10% 50V
2414		4822 122 10466	220pF 10% 50V
2415		4822 122 10466	220pF 10% 50V
2416		4822 122 10466	220pF 10% 50V
2417		4822 126 13692	47pF 1% NP0 63V
2420		5322 122 32531	100pF 5% NP0 50V
2421	/K,F/F	5322 122 32531	100pF 5% NP0 50V
2422	/K,F/F	5322 122 32531	100pF 5% NP0 50V
2423	/K,F/F	4822 126 13838	100NF Y5V 0805 50V P80M20
2424	/K,F/F	4822 124 40433	47μF 20% 25V
2425		4822 126 14585	100NF 10% X7R 0805 50V
2426		4822 126 14585	100NF 10% X7R 0805 50V
2427		4822 126 14585	100NF 10% X7R 0805 50V
2428		4822 126 13751	47NF 10% X7R 63V
2429		4822 126 14585	100NF 10% X7R 0805 50V
2430		4822 126 14585	100NF 10% X7R 0805 50V
2431		4822 126 14585	100NF 10% X7R 0805 50V
2432		5322 126 10223	4.7NF 10%X7R 63V
2433		5322 122 32268	470pF 10% 50V
2434		4822 126 14585	100NF 10% X7R 0805 50V
2435		4822 126 14585	100NF 10% X7R 0805 50V
2436		5322 126 10223	4.7NF 10%X7R 63V
2437		5322 122 32268	470pF 10% 50V
2438		4822 126 13751	47NF 10% X7R 63V
2439		4822 126 13751	47NF 10% X7R 63V
2440		4822 124 40433	47μF 20% 25V
2441		5322 122 32654	22NF 10% X7R 63V

(VERS. :VERSION, U:U.S.A., F:JAPAN, K:FAR EAST, **:EUROPE)

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION
2442		4822 124 40433	47μF 20% 25V
2443		4822 126 13751	47NF 10% X7R 63V
2444		4822 126 13692	47pF 1% NP0 63V
2445		4822 126 14585	100NF 10% X7R 0805 50V
2446		4822 126 14585	100NF 10% X7R 0805 50V
2499		4822 126 13751	47NF 10% X7R 63V
2711		4822 124 20695	470μF 50% 16V
2712		4822 124 20695	470μF 50% 16V
2713		4822 124 20695	470μF 50% 16V
2714		4822 124 20695	470μF 50% 16V
2715		4822 121 10873	120pF 5% 100V
2716		4822 121 10873	120pF 5% 100V
2717		4822 121 10873	120pF 5% 100V
2718		4822 121 10873	120pF 5% 100V
2719		4822 121 10873	120pF 5% 100V
2720		4822 121 10873	120pF 5% 100V
2721		4822 121 10873	120pF 5% 100V
2722		4822 121 10873	120pF 5% 100V
2723		4822 121 10872	100pF 5% 100V
2724		4822 121 10872	100pF 5% 100V
2725		4822 121 10872	100pF 5% 100V
2726		4822 121 10872	100pF 5% 100V
3111		4822 051 10102	1K00 2% 0.25W
3112		4822 051 20223	22K00 5% 0.1W
3113		4822 051 20105	1M00 5% 0.1W
⚠ 3114		4822 052 10478	4R70 5% 0.33W
3115		4822 117 10834	47K 1% 0.1W
3116		4822 117 10833	10K 1% 0.1W
3117		4822 051 20332	3K30 5% 0.1W
3118		4822 051 20479	47R00 5% 0.1W
3119		4822 051 20479	47R00 5% 0.1W
3120		4822 117 10833	10K 1% 0.1W
3121		4822 117 10834	47K 1% 0.1W
3122		4822 117 10834	47K 1% 0.1W
3123		4822 117 10833	10K 1% 0.1W
3124		4822 116 52257	22K 5% 0.5W
3125		4822 051 20223	22K00 5% 0.1W
3211		4822 117 10833	10K 1% 0.1W
3212		4822 117 10833	10K 1% 0.1W
3213		4822 117 10833	10K 1% 0.1W
3214		4822 117 10833	10K 1% 0.1W
3215		4822 117 10965	18K 1% 0.1W
3216		4822 117 10965	18K 1% 0.1W
3217		4822 117 10833	10K 1% 0.1W
3218		4822 117 10833	10K 1% 0.1W
3219		4822 117 10833	10K 1% 0.1W
3220		4822 117 10833	10K 1% 0.1W
3221		4822 117 10965	18K 1% 0.1W
3222		4822 117 10965	18K 1% 0.1W
3223		4822 051 20121	120R00 5% 0.1W
3224		4822 051 20121	120R00 5% 0.1W
3225		4822 051 20121	120R00 5% 0.1W
3226		4822 051 20121	120R00 5% 0.1W
3227		4822 117 12521	68R 1% 0.1W
3228		4822 117 12521	68R 1% 0.1W
3229		4822 051 10102	1K00 2% 0.25W
3230		4822 051 10102	1K00 2% 0.25W
3231		4822 117 12521	68R 1% 0.1W
3232		4822 117 12521	68R 1% 0.1W
3233		4822 117 12521	68R 1% 0.1W
3234		4822 117 12521	68R 1% 0.1W
3235		4822 051 20333	33K00 5% 0.1W
3236		4822 051 20333	33K00 5% 0.1W
3237		4822 051 10102	1K00 2% 0.25W

(VERS. :VERSION, U:U.S.A., F:JAPAN, K:FAR EAST, **:EUROPE)

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION
3238		4822 051 10102	1K00 2% 0.25W
3239		4822 051 20101	100R00 5% 0.1W
3240		4822 051 20101	100R00 5% 0.1W
3241		4822 051 20229	22R00 5% 0.1W
3242		4822 051 20229	22R00 5% 0.1W
3243		4822 051 20229	22R00 5% 0.1W
3244		4822 051 20229	22R00 5% 0.1W
3245		4822 051 20229	22R00 5% 0.1W
3246		4822 051 20229	22R00 5% 0.1W
3247		4822 117 10833	10K 1% 0.1W
3248		4822 117 10833	10K 1% 0.1W
⚠ 3249		4822 053 10229	22R00 5% 1W
⚠ 3250		4822 053 10229	22R00 5% 1W
⚠ 3251		4822 053 10229	22R00 5% 1W
⚠ 3252		4822 053 10229	22R00 5% 1W
3253		4822 051 20101	100R00 5% 0.1W
3254		4822 051 20101	100R00 5% 0.1W
3255		4822 051 20101	100R00 5% 0.1W
3256		4822 051 20101	100R00 5% 0.1W
3257		4822 051 20229	22R00 5% 0.1W
3258		4822 051 20229	22R00 5% 0.1W
3259		4822 117 10837	100K 1% 0.1W
3260		4822 117 10837	100K 1% 0.1W
3261		4822 117 11449	2K2 1% 0.1W
3262		4822 117 11449	2K2 1% 0.1W
3263		4822 117 11449	2K2 1% 0.1W
3264		4822 117 11449	2K2 1% 0.1W
3265		4822 117 11383	12K 1% 0.1W
3266		4822 117 11383	12K 1% 0.1W
3267		4822 116 83933	15K 1% 0.1W
3268		4822 116 83933	15K 1% 0.1W
3269		4822 117 12521	68R 1% 0.1W
3270		4822 117 12521	68R 1% 0.1W
3271		4822 117 12521	68R 1% 0.1W
3272		4822 117 12521	68R 1% 0.1W
3273		4822 051 20229	22R00 5% 0.1W
3274		4822 051 20229	22R00 5% 0.1W
3275		4822 117 11449	2K2 1% 0.1W
3276		4822 117 11449	2K2 1% 0.1W
3277		4822 117 11449	2K2 1% 0.1W
3278		4822 117 11449	2K2 1% 0.1W
3279		4822 051 20101	100R00 5% 0.1W
3280		4822 051 20101	100R00 5% 0.1W
3281		4822 117 10837	100K 1% 0.1W
3282		4822 117 10837	100K 1% 0.1W
⚠ 3311		4822 052 10478	4R70 5% 0.33W
⚠ 3312		4822 052 10478	4R70 5% 0.33W
⚠ 3313		4822 052 10478	4R70 5% 0.33W
⚠ 3314		4822 052 10478	4R70 5% 0.33W
3315		4822 117 10833	10K 1% 0.1W
3316		4822 117 10833	10K 1% 0.1W
3317		4822 117 10833	10K 1% 0.1W
3318		4822 117 10833	10K 1% 0.1W
3319		4822 117 10834	47K 1% 0.1W
3320		4822 117 10834	47K 1% 0.1W
3321		4822 117 10833	10K 1% 0.1W
3322		4822 117 10833	10K 1% 0.1W
3323		4822 117 10837	100K 1% 0.1W
3324		4822 117 10837	100K 1% 0.1W
3325		4822 051 20105	1M00 5% 0.1W
3326		4822 117 11503	220R 1% 0.1W
⚠ 3327		4822 052 10478	4R70 5% 0.33W
3328		4822 051 20471	470R00 5% 0.1W
3330		4822 051 20101	100R00 5% 0.1W
3331		4822 051 20471	470R00 5% 0.1W

(VERS. :VERSION, U:U.S.A., F:JAPAN, K:FAR EAST, **:EUROPE)

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION
3332		4822 051 20471	470R00 5% 0.1W
3333		4822 051 20471	470R00 5% 0.1W
3334		4822 051 20471	470R00 5% 0.1W
3335		4822 051 20471	470R00 5% 0.1W
3336		4822 051 20471	470R00 5% 0.1W
3341	/K,F/F	4822 051 20472	4K70 5% 0.1W
3342	/K,F/F	4822 051 20229	22R00 5% 0.1W
3343		4822 051 20229	22R00 5% 0.1W
3344		4822 117 10834	47K 1% 0.1W
3345		4822 051 20223	22K00 5% 0.1W
3346		4822 051 20223	22K00 5% 0.1W
3347		4822 051 20472	4K70 5% 0.1W
3348		4822 117 10834	47K 1% 0.1W
3349		4822 051 20101	100R00 5% 0.1W
3350		4822 051 20229	22R00 5% 0.1W
3351		4822 117 11504	270R 1% 0.1W
3352		4822 051 20109	10R00 5% 0.1W
3353		4822 051 20561	560R00 5% 0.1W
3400		4822 050 12704	270K00 1% 0.4W
3401		4822 116 52257	22K 5% 0.5W
3402		4822 116 52257	22K 5% 0.5W
3403		4822 116 52257	22K 5% 0.5W
3404		4822 116 52257	22K 5% 0.5W
3405		4822 051 20471	470R00 5% 0.1W
3406		4822 051 20471	470R00 5% 0.1W
3407		4822 051 20471	470R00 5% 0.1W
3408		4822 051 20471	470R00 5% 0.1W
3409		4822 051 20223	22K00 5% 0.1W
3410		4822 050 11002	1K00 1% 0.4W
3411		4822 117 10837	100K 1% 0.1W
3412		4822 117 11383	12K 1% 0.1W
3413		4822 117 11383	12K 1% 0.1W
3414		4822 117 11383	12K 1% 0.1W
3415		4822 116 52238	12K 5% 0.5W
3416		4822 051 20471	470R00 5% 0.1W
3417		4822 051 20471	470R00 5% 0.1W
3418		4822 051 20471	470R00 5% 0.1W
3419		4822 051 20471	470R00 5% 0.1W
3420		4822 051 20471	470R00 5% 0.1W
3421		4822 051 20471	470R00 5% 0.1W
3422		4822 051 20471	470R00 5% 0.1W
3423		4822 051 20479	47R00 5% 0.1W
3424		4822 117 10833	10K 1% 0.1W
3425		4822 117 10833	10K 1% 0.1W
3426		4822 117 10833	10K 1% 0.1W
3427		4822 117 10833	10K 1% 0.1W
3428		4822 117 10833	10K 1% 0.1W
3429		4822 117 10833	10K 1% 0.1W
3430		4822 051 20229	22R00 5% 0.1W
3432		4822 051 10102	1K00 2% 0.25W
3435		4822 117 10833	10K 1% 0.1W
3436		4822 051 20122	1K20 5% 0.1W
3437		4822 051 20229	22R00 5% 0.1W
3440		4822 051 10102	1K00 2% 0.25W
3441		4822 117 10833	10K 1% 0.1W
3442		4822 051 20229	22R00 5% 0.1W
3443		4822 051 20471	470R00 5% 0.1W
3444		4822 051 10102	1K00 2% 0.25W
3445		4822 051 10102	1K00 2% 0.25W
⚠ 3446	/K,F/F	4822 052 10478	4R70 5% 0.33W
3449	/K,F/F	4822 051 20101	100R00 5% 0.1W
3450	/K,F/F	4822 051 20101	100R00 5% 0.1W
⚠ 3451		4822 052 10478	4R70 5% 0.33W
⚠ 3452		4822 052 10478	4R70 5% 0.33W
3455		4822 116 52257	22K 5% 0.5W

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POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION
3456		4822 117 11383	12K 1% 0.1W
3457		4822 051 10102	1K00 2% 0.25W
3458		4822 117 10833	10K 1% 0.1W
3459		4822 050 11002	1K00 1% 0.4W
3460		4822 117 11383	12K 1% 0.1W
3461		4822 051 20471	470R00 5% 0.1W
3462		4822 051 20229	22R00 5% 0.1W
⚠ 3711		4822 053 10229	22R00 5% 1W
⚠ 3712		4822 053 10229	22R00 5% 1W
⚠ 3713		4822 053 10229	22R00 5% 1W
⚠ 3714		4822 053 10229	22R00 5% 1W
3715		4822 117 11383	12K 1% 0.1W
3716		4822 117 11383	12K 1% 0.1W
3717		4822 117 11383	12K 1% 0.1W
3718		4822 117 11383	12K 1% 0.1W
3719		4822 117 11383	12K 1% 0.1W
3720		4822 117 11383	12K 1% 0.1W
3721		4822 117 11383	12K 1% 0.1W
3722		4822 117 11383	12K 1% 0.1W
3723		4822 117 10833	10K 1% 0.1W
3724		4822 117 10833	10K 1% 0.1W
3725		4822 117 10833	10K 1% 0.1W
3726		4822 117 10833	10K 1% 0.1W
3727		4822 117 10833	10K 1% 0.1W
3728		4822 117 10833	10K 1% 0.1W
3729		4822 117 10833	10K 1% 0.1W
3730		4822 117 10833	10K 1% 0.1W
3731		4822 117 10833	10K 1% 0.1W
3732		4822 117 10833	10K 1% 0.1W
3733		4822 117 10833	10K 1% 0.1W
3734		4822 117 10833	10K 1% 0.1W
3735		4822 117 10833	10K 1% 0.1W
3736		4822 117 10833	10K 1% 0.1W
3737		4822 117 10833	10K 1% 0.1W
3738		4822 117 10833	10K 1% 0.1W
4111		4822 051 20008	0R00 JUMP. (0805)
4112		4822 051 20008	0R00 JUMP. (0805)
4211		4822 051 20008	0R00 JUMP. (0805)
4212		4822 051 20008	0R00 JUMP. (0805)
4213		4822 051 20008	0R00 JUMP. (0805)
4214		4822 051 20008	0R00 JUMP. (0805)
4215		4822 051 20008	0R00 JUMP. (0805)
4216		4822 051 20008	0R00 JUMP. (0805)
4401		4822 051 20008	0R00 JUMP. (0805)
4402		4822 051 20008	0R00 JUMP. (0805)
4403		4822 051 20008	0R00 JUMP. (0805)
4404		4822 051 20008	0R00 JUMP. (0805)
4405		4822 051 20008	0R00 JUMP. (0805)
4406		4822 051 20008	0R00 JUMP. (0805)
4407		4822 051 20008	0R00 JUMP. (0805)
4408		4822 051 20008	0R00 JUMP. (0805)
4409		4822 051 20008	0R00 JUMP. (0805)
4410		4822 051 20008	0R00 JUMP. (0805)
4411		4822 051 20008	0R00 JUMP. (0805)
4412		4822 051 20008	0R00 JUMP. (0805)
4413		4822 051 20008	0R00 JUMP. (0805)
4414		4822 051 20008	0R00 JUMP. (0805)
4415		4822 051 20008	0R00 JUMP. (0805)
4416		4822 051 20008	0R00 JUMP. (0805)
4417		4822 051 20008	0R00 JUMP. (0805)
4418		4822 051 20008	0R00 JUMP. (0805)
4419		4822 051 20008	0R00 JUMP. (0805)
4420		4822 051 20008	0R00 JUMP. (0805)
4421		4822 051 20008	0R00 JUMP. (0805)

(VERS. :VERSION, U:U.S.A., F:JAPAN, K:FAR EAST, **:EUROPE)

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION
4422		4822 051 20008	0R00 JUMP. (0805)
4423		4822 051 20008	0R00 JUMP. (0805)
4424		4822 051 20008	0R00 JUMP. (0805)
4425		4822 051 20008	0R00 JUMP. (0805)
4426		4822 051 20008	0R00 JUMP. (0805)
4427		4822 051 20008	0R00 JUMP. (0805)
4428		4822 051 20008	0R00 JUMP. (0805)
4429		4822 051 20008	0R00 JUMP. (0805)
4430		4822 051 20008	0R00 JUMP. (0805)
4432		4822 051 20008	0R00 JUMP. (0805)
4433		4822 051 20008	0R00 JUMP. (0805)
4434		4822 051 20008	0R00 JUMP. (0805)
4435		4822 051 20008	0R00 JUMP. (0805)
4511		4822 051 20008	0R00 JUMP. (0805)
4512		4822 051 20008	0R00 JUMP. (0805)
4513		4822 051 20008	0R00 JUMP. (0805)
4514		4822 051 20008	0R00 JUMP. (0805)
4515		4822 051 20008	0R00 JUMP. (0805)
4516		4822 051 20008	0R00 JUMP. (0805)
4517		4822 051 20008	0R00 JUMP. (0805)
4518		4822 051 20008	0R00 JUMP. (0805)
4519		4822 051 20008	0R00 JUMP. (0805)
4520		4822 051 20008	0R00 JUMP. (0805)
4521		4822 051 20008	0R00 JUMP. (0805)
4522		4822 051 20008	0R00 JUMP. (0805)
4523		4822 051 20008	0R00 JUMP. (0805)
4524		4822 051 20008	0R00 JUMP. (0805)
4525		4822 051 20008	0R00 JUMP. (0805)
4588		4822 051 20008	0R00 JUMP. (0805)
⚠ 5110	F/N,F/T	4822 146 11187	MAINS TRANSF. 230V
⚠ 5110	F/U	4822 146 11185	MAINS TRANSF. 120V
⚠ 5110	F/F		MAINS TRANSF. 100V
⚠ 5110	/N/T	4822 146 11178	MAINS TRANSF. 230V
⚠ 5110	/K		MAINS TRANSF. 110V/220V
5310		4822 242 11053	16.9344MHz
5311		4822 157 70601	100UH (920927085A)
5312		4822 526 10704	BEAD. FERRITE 100MHz
5313	/K,F/F	4822 526 10704	BEAD. FERRITE 100MHz
5314		4822 526 10704	BEAD. FERRITE 100MHz
5401		4822 526 10704	BEAD. FERRITE 100MHz
5402		4822 526 10704	BEAD. FERRITE 100MHz
5403		4822 526 10704	BEAD. FERRITE 100MHz
⚠ 6111		4822 130 31878	1N4003G
⚠ 6112		4822 130 31878	1N4003G
⚠ 6113		4822 130 31878	1N4003G
⚠ 6114		4822 130 31878	1N4003G
⚠ 6115		4822 130 31878	1N4003G
⚠ 6116		4822 130 31878	1N4003G
⚠ 6117		4822 130 31878	1N4003G
⚠ 6118		4822 130 31878	1N4003G
⚠ 6119		4822 130 31878	1N4003G
⚠ 6120		4822 130 31878	1N4003G
⚠ 6123	/N/T/K,F/N,F/T,F/U,F/F	4822 130 31878	1N4003G
⚠ 6124	F/U	4822 130 31878	1N4003G
⚠ 6125		4822 130 31878	1N4003G
6121		4822 130 34174	BZX79-B4V7
6122		4822 130 30621	1N4148
6126		4822 130 34174	BZX79-B4V7
6127		4822 130 34174	BZX79-B4V7
6128		4822 130 30621	1N4148
6211		4822 130 30621	1N4148
6212		4822 130 30621	1N4148
6213		4822 130 30621	1N4148

(VERS. :VERSION, U:U.S.A., F:JAPAN, K:FAR EAST, **:EUROPE)

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION
6214		4822 130 30621	1N4148
6215		4822 130 30621	1N4148
6216		4822 130 30621	1N4148
6217		4822 130 30621	1N4148
6218		4822 130 30621	1N4148
6219		4822 130 30621	1N4148
6220		4822 130 30621	1N4148
6311		4822 130 30621	1N4148
6312		4822 130 30621	1N4148
6313		4822 130 30621	1N4148
6314		4822 130 30621	1N4148
6315		4822 130 30621	1N4148
⚠ 7111		4822 209 33575	L7812CP
⚠ 7112		4822 209 73492	L7912CV
⚠ 7113		4822 209 80817	L7805CV
⚠ 7114		4822 209 80817	L7805CV
⚠ 7115		4822 209 80817	L7805CV
7116		4822 130 40959	BC547B
7117		4822 130 40959	BC547B
7118		4822 130 40959	BC547B
⚠ 7119		4822 209 17525	L7918CP
7120		4822 130 40959	BC547B
7121		4822 130 44568	BC557B
7122		4822 130 44568	BC557B
7123		4822 130 40959	BC547B
7124		4822 130 40959	BC547B
7211		4822 130 42839	2SK369BL
7212		4822 130 42839	2SK369BL
7213		4822 130 42839	2SK369BL
7214		4822 130 42839	2SK369BL
7215		4822 130 43233	2SC2240GR
7216		4822 130 43233	2SC2240GR
7217		4822 130 42949	2SA970GR
7218		4822 130 42949	2SA970GR
7219		4822 130 42949	2SA970GR
7220		4822 130 42949	2SA970GR
7221		4822 130 43233	2SC2240GR
7222		4822 130 43233	2SC2240GR
7223		5322 130 41844	2SK170BL
7224		5322 130 41844	2SK170BL
7225		4822 130 11658	2SJ74BL
7226		4822 130 11658	2SJ74BL
7227		4822 130 43818	2SC2878
7228		4822 130 43818	2SC2878
7229		4822 130 43818	2SC2878
7230		4822 130 43818	2SC2878
7231		4822 130 43818	2SC2878
7232		4822 130 43818	2SC2878
7233		4822 130 43818	2SC2878
7234		4822 130 43818	2SC2878
7235		4822 209 82362	NJM4556D
7311		4822 209 32762	SM5872BS
7312		4822 209 32762	SM5872BS
7313		4822 130 44568	BC557B
7314		4822 130 44568	BC557B
7315		4822 209 17526	TC160G11AU-1305
7316		4822 130 44568	BC557B
7317		4822 130 40959	BC547B
7318	/K,F/F	4822 130 44568	BC557B
7400	/K,F/F		74HC00
7401		4822 209 32852	TDA7073A/N2
7402		4822 209 32852	TDA7073A/N2
7403		4822 209 32852	TDA7073A/N2
7405		4822 209 90341	SAA7372GP/M1

(VERS. :VERSION, U:U.S.A., F:JAPAN, K:FAR EAST, **:EUROPE)

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION
7711	/N/T/K	4822 209 31153	NJM2114D
7712	/N/T/K	4822 209 31153	NJM2114D
			CONTROL CIRCUIT BOARD
1600		4822 265 11185	18FE-BT-VK-N TOP
			ENTRY TYPE
1601		4822 267 11051	SOCKET 12P
1602		4822 267 11051	SOCKET 12P
1603		4822 267 11051	SOCKET 12P
2600		4822 124 40433	47μF 20% 25V
2601		4822 124 40433	47μF 20% 25V
2602		4822 126 13751	47NF 10% X7R 63V
2603		4822 124 40769	4.7μF 20% 100V
2604		4822 124 40433	47μF 20% 25V
2605		4822 126 13751	47NF 10% X7R 63V
2606		4822 126 13751	47NF 10% X7R 63V
3600		4822 051 20223	22K00 5% 0.1W
3601		4822 116 52175	100E 5% 0.5W
3602		4822 050 21003	10K00 1% 0.6W
3603		4822 051 20223	22K00 5% 0.1W
3604		4822 051 20223	22K00 5% 0.1W
3606		4822 051 20105	1M00 5% 0.1W
3607		4822 052 10478	4R70 5% 0.33W
3609		4822 117 10837	100K 1% 0.1W
3611		4822 051 20471	470R00 5% 0.1W
3612		4822 051 20471	470R00 5% 0.1W
3613		4822 051 20471	470R00 5% 0.1W
3614		4822 051 20471	470R00 5% 0.1W
3615		4822 051 20471	470R00 5% 0.1W
3616		4822 051 20471	470R00 5% 0.1W
3617		4822 051 20471	470R00 5% 0.1W
3618		4822 051 20471	470R00 5% 0.1W
3619		4822 052 10478	4R70 5% 0.33W
3620		4822 117 10833	10K 1% 0.1W
3621		4822 117 10833	10K 1% 0.1W
3622		4822 051 20223	22K00 5% 0.1W
3625		4822 051 20101	100R00 5% 0.1W
3626		4822 051 20101	100R00 5% 0.1W
3627		4822 051 20101	100R00 5% 0.1W
3628		4822 051 20101	100R00 5% 0.1W
3635		4822 051 20101	100R00 5% 0.1W
3637		4822 051 20101	100R00 5% 0.1W
3638		4822 051 20101	100R00 5% 0.1W
3639		4822 051 20101	100R00 5% 0.1W
3649		4822 051 20101	100R00 5% 0.1W
3650		4822 051 20101	100R00 5% 0.1W
3651		4822 051 20101	100R00 5% 0.1W
3652		4822 051 20101	100R00 5% 0.1W
3653		4822 051 20101	100R00 5% 0.1W
3654		4822 051 20101	100R00 5% 0.1W
3655		4822 051 20101	100R00 5% 0.1W
3656		4822 051 20101	100R00 5% 0.1W
3657		4822 051 20101	100R00 5% 0.1W
3658		4822 051 20101	100R00 5% 0.1W
3659		4822 051 20101	100R00 5% 0.1W
3660		4822 051 20101	100R00 5% 0.1W
3661		4822 051 20101	100R00 5% 0.1W
3662		4822 051 20101	100R00 5% 0.1W
3663		4822 051 20101	100R00 5% 0.1W
3664		4822 051 20101	100R00 5% 0.1W
3665		4822 051 20101	100R00 5% 0.1W
3666		4822 051 20101	100R00 5% 0.1W
3667		4822 051 20101	100R00 5% 0.1W

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POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION
3668		4822 051 20101	100R00 5% 0.1W
3669		4822 051 20101	100R00 5% 0.1W
3670		4822 051 20101	100R00 5% 0.1W
3671		4822 051 20101	100R00 5% 0.1W
3672		4822 052 10478	4R70 5% 0.33W
3689		4822 051 20472	4K70 5% 0.1W
3690		4822 051 20472	4K70 5% 0.1W
4600		4822 051 20008	0R00 JUMP. (0805)
4604		4822 051 20008	0R00 JUMP. (0805)
4606		4822 051 20008	0R00 JUMP. (0805)
4607		4822 051 20008	0R00 JUMP. (0805)
5600		4822 242 10992	CSTCC5.00MG
6600		4822 130 30621	1N4148
6601		4822 130 30621	1N4148
6602		4822 130 30621	1N4148
6603		4822 130 30621	1N4148
6604		4822 130 30621	1N4148
7600		4822 209 17527	μPD78076GF-078-3BA
7601		4822 209 17528	μPD43256BGU-70LL
7602		4822 209 16143	LC89170M
7603		4822 209 17529	MN13811-R
7604		4822 130 43233	2SC2240GR
7605		4822 130 43233	2SC2240GR
7606		5322 130 60159	BC846B
			HDAM CIRCUIT BOARD
1751	F/N,F/T,F/U,F/F	4822 265 11635	CONN. 8P
1752	F/N,F/T,F/U,F/F	4822 267 11051	SOCKET 12P
2751	F/N,F/T,F/U,F/F	5322 122 33538	150pF 2% NP0 63V
2752	F/N,F/T,F/U,F/F	5322 122 33538	150pF 2% NP0 63V
2753	F/N,F/T,F/U,F/F	5322 122 33538	150pF 2% NP0 63V
2754	F/N,F/T,F/U,F/F	5322 122 33538	150pF 2% NP0 63V
3751	F/N,F/T,F/U,F/F	4822 051 20121	120R00 5% 0.1W
3752	F/N,F/T,F/U,F/F	4822 051 20121	120R00 5% 0.1W
3753	F/N,F/T,F/U,F/F	4822 051 20121	120R00 5% 0.1W
3754	F/N,F/T,F/U,F/F	4822 051 20121	120R00 5% 0.1W
3755	F/N,F/T,F/U,F/F	4822 051 20121	120R00 5% 0.1W
3756	F/N,F/T,F/U,F/F	4822 051 20121	120R00 5% 0.1W
3757	F/N,F/T,F/U,F/F	4822 051 20121	120R00 5% 0.1W
3758	F/N,F/T,F/U,F/F	4822 051 20121	120R00 5% 0.1W
3759	F/N,F/T,F/U,F/F	4822 117 12521	68R 1% 0.1W
3760	F/N,F/T,F/U,F/F	4822 117 12521	68R 1% 0.1W
3761	F/N,F/T,F/U,F/F	4822 117 12521	68R 1% 0.1W
3762	F/N,F/T,F/U,F/F	4822 117 12521	68R 1% 0.1W
3763	F/N,F/T,F/U,F/F	4822 051 10102	1K00 2% 0.25W
3764	F/N,F/T,F/U,F/F	4822 051 10102	1K00 2% 0.25W
3765	F/N,F/T,F/U,F/F	4822 051 10102	1K00 2% 0.25W
3766	F/N,F/T,F/U,F/F	4822 051 10102	1K00 2% 0.25W
3767	F/N,F/T,F/U,F/F	4822 117 12521	68R 1% 0.1W
3768	F/N,F/T,F/U,F/F	4822 117 12521	68R 1% 0.1W
3769	F/N,F/T,F/U,F/F	4822 117 12521	68R 1% 0.1W
3770	F/N,F/T,F/U,F/F	4822 117 12521	68R 1% 0.1W
3771	F/N,F/T,F/U,F/F	4822 117 12521	68R 1% 0.1W
3772	F/N,F/T,F/U,F/F	4822 117 12521	68R 1% 0.1W
3773	F/N,F/T,F/U,F/F	4822 117 12521	68R 1% 0.1W
3774	F/N,F/T,F/U,F/F	4822 117 12521	68R 1% 0.1W
3775	F/N,F/T,F/U,F/F	4822 051 20333	33K00 5% 0.1W
3776	F/N,F/T,F/U,F/F	4822 051 20333	33K00 5% 0.1W
3777	F/N,F/T,F/U,F/F	4822 051 20333	33K00 5% 0.1W

(VERS. :VERSION, U:U.S.A., F:JAPAN, K:FAR EAST, **:EUROPE)

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION
3778	F/N,F/T,F/U,F/F	4822 051 20333	33K00 5% 0.1W
3779	F/N,F/T,F/U,F/F	4822 051 10102	1K00 2% 0.25W
3780	F/N,F/T,F/U,F/F	4822 051 10102	1K00 2% 0.25W
3781	F/N,F/T,F/U,F/F	4822 051 10102	1K00 2% 0.25W
3782	F/N,F/T,F/U,F/F	4822 051 10102	1K00 2% 0.25W
3783	F/N,F/T,F/U,F/F	4822 051 20101	100R00 5% 0.1W
3784	F/N,F/T,F/U,F/F	4822 051 20101	100R00 5% 0.1W
3785	F/N,F/T,F/U,F/F	4822 051 20101	100R00 5% 0.1W
3786	F/N,F/T,F/U,F/F	4822 051 20101	100R00 5% 0.1W
3787	F/N,F/T,F/U,F/F	4822 051 20229	22R00 5% 0.1W
3788	F/N,F/T,F/U,F/F	4822 051 20229	22R00 5% 0.1W
3789	F/N,F/T,F/U,F/F	4822 051 20229	22R00 5% 0.1W
3790	F/N,F/T,F/U,F/F	4822 051 20229	22R00 5% 0.1W
3791	F/N,F/T,F/U,F/F	4822 051 20229	22R00 5% 0.1W
3792	F/N,F/T,F/U,F/F	4822 051 20229	22R00 5% 0.1W
3793	F/N,F/T,F/U,F/F	4822 051 20229	22R00 5% 0.1W
3794	F/N,F/T,F/U,F/F	4822 051 20229	22R00 5% 0.1W
6751	F/N,F/T,F/U,F/F	4822 130 83757	BAS216
6752	F/N,F/T,F/U,F/F	4822 130 83757	BAS216
6753	F/N,F/T,F/U,F/F	4822 130 83757	BAS216
6754	F/N,F/T,F/U,F/F	4822 130 83757	BAS216
6755	F/N,F/T,F/U,F/F	5322 130 34337	BAV99
6756	F/N,F/T,F/U,F/F	5322 130 34337	BAV99
6757	F/N,F/T,F/U,F/F	5322 130 34337	BAV99
6758	F/N,F/T,F/U,F/F	5322 130 34337	BAV99
6763	F/N,F/T,F/U,F/F	5322 130 34337	BAV99
6764	F/N,F/T,F/U,F/F	5322 130 34337	BAV99
6765	F/N,F/T,F/U,F/F	5322 130 34337	BAV99
6766	F/N,F/T,F/U,F/F	5322 130 34337	BAV99
7751	F/N,F/T,F/U,F/F	4822 130 42839	2SK369BL
7752	F/N,F/T,F/U,F/F	4822 130 42839	2SK369BL
7753	F/N,F/T,F/U,F/F	4822 130 42839	2SK369BL
7754	F/N,F/T,F/U,F/F	4822 130 42839	2SK369BL
7755	F/N,F/T,F/U,F/F	4822 130 42839	2SK369BL
7756	F/N,F/T,F/U,F/F	4822 130 42839	2SK369BL
7757	F/N,F/T,F/U,F/F	4822 130 42839	2SK369BL
7758	F/N,F/T,F/U,F/F	4822 130 42839	2SK369BL
7759	F/N,F/T,F/U,F/F	4822 130 10252	2SC2873Y
7760	F/N,F/T,F/U,F/F	4822 130 10252	2SC2873Y
7761	F/N,F/T,F/U,F/F	4822 130 10252	2SC2873Y
7762	F/N,F/T,F/U,F/F	4822 130 10252	2SC2873Y
7763	F/N,F/T,F/U,F/F	4822 130 11661	2SA1312BL
7764	F/N,F/T,F/U,F/F	4822 130 11661	2SA1312BL
7765	F/N,F/T,F/U,F/F	4822 130 11661	2SA1312BL
7766	F/N,F/T,F/U,F/F	4822 130 11661	2SA1312BL
7767	F/N,F/T,F/U,F/F	4822 130 11661	2SA1312BL
7768	F/N,F/T,F/U,F/F	4822 130 11661	2SA1312BL
7769	F/N,F/T,F/U,F/F	4822 130 11661	2SA1312BL
7770	F/N,F/T,F/U,F/F	4822 130 11661	2SA1312BL
7771	F/N,F/T,F/U,F/F	4822 130 11662	2SC3324BL
7772	F/N,F/T,F/U,F/F	4822 130 11662	2SC3324BL
7773	F/N,F/T,F/U,F/F	4822 130 11662	2SC3324BL
7774	F/N,F/T,F/U,F/F	4822 130 11662	2SC3324BL
7775	F/N,F/T,F/U,F/F	5322 130 41844	2SK170BL
7776	F/N,F/T,F/U,F/F	5322 130 41844	2SK170BL
7777	F/N,F/T,F/U,F/F	5322 130 41844	2SK170BL
7778	F/N,F/T,F/U,F/F	5322 130 41844	2SK170BL
7779	F/N,F/T,F/U,F/F	4822 130 11658	2SJ74BL
7780	F/N,F/T,F/U,F/F	4822 130 11658	2SJ74BL
7781	F/N,F/T,F/U,F/F	4822 130 11658	2SJ74BL
7782	F/N,F/T,F/U,F/F	4822 130 11658	2SJ74BL

(VERS. :VERSION, U:U.S.A., F:JAPAN, K:FAR EAST, **:EUROPE)

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION
			FRONT CIRCUIT BOARD
1801		4822 135 00292	13-ST-35G
1802		4822 265 11184	18FE-ST-VK-N SIDE ENTRY TYPE
1880		4822 276 13775	SWITCH
1881		4822 276 13775	SWITCH
1882		4822 276 13775	SWITCH
1883		4822 276 13775	SWITCH
1884		4822 276 13775	SWITCH
1885		4822 276 13775	SWITCH
1886		4822 276 13775	SWITCH
1887		4822 276 13775	SWITCH
1888		4822 276 13775	SWITCH
1889		4822 276 13775	SWITCH
2805		4822 126 13751	47NF 10% X7R 63V
2806		4822 124 21732	10μF 20% 25V
2807		4822 126 13751	47NF 10% X7R 63V
2808		4822 126 13751	47NF 10% X7R 63V
2809		4822 126 13751	47NF 10% X7R 63V
2810		4822 126 13751	47NF 10% X7R 63V
2811		4822 126 13751	47NF 10% X7R 63V
2813		4822 124 80231	47μF 20% 16V
2814		4822 126 13838	100NF Y5V 0805 50V P80M20
3810		4822 117 11449	2K2 1% 0.1W
3811		4822 051 20472	4K70 5% 0.1W
3812		4822 117 11507	6K8 1% 0.1W
3813		4822 117 11449	2K2 1% 0.1W
3814		4822 117 11449	2K2 1% 0.1W
3815		4822 051 20472	4K70 5% 0.1W
3816		4822 052 10478	4R70 5% 0.33W
3817		4822 117 10833	10K 1% 0.1W
3818		4822 051 20101	100R00 5% 0.1W
3821		4822 051 20105	1M00 5% 0.1W
3822		4822 117 10833	10K 1% 0.1W
3823		4822 117 10837	100K 1% 0.1W
3824		4822 117 10833	10K 1% 0.1W
3825		4822 116 52175	100E 5% 0.5W
3880		4822 117 11507	6K8 1% 0.1W
3881		4822 117 11449	2K2 1% 0.1W
3882		4822 117 11449	2K2 1% 0.1W
3883		4822 051 20472	4K70 5% 0.1W
3884		4822 117 11507	6K8 1% 0.1W
3885		4822 117 11449	2K2 1% 0.1W
3886		4822 117 11449	2K2 1% 0.1W
3887		4822 051 20472	4K70 5% 0.1W
3888		4822 117 11507	6K8 1% 0.1W
3889		4822 117 11449	2K2 1% 0.1W
4880		4822 051 20008	0R00 JUMP. (0805)
4881		4822 051 20008	0R00 JUMP. (0805)
4882		4822 051 20008	0R00 JUMP. (0805)
4883		4822 051 20008	0R00 JUMP. (0805)
5800		4822 242 10992	CSTCC5.00MG
7800		4822 209 17531	µPD780204GF-048-3BA
7801		4822 130 10165	GP1U28XP

(VERS. :VERSION, U:U.S.A., F:JAPAN, K:FAR EAST, **:EUROPE)

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION
			HF AMP CIRCUIT BOARD
1500		4822 267 10871	CONN.17POL. FEM.
1501		4822 267 51453	CONN. 39-51-3123 (12P)
2500		5322 122 31865	1.5NF 10% X7R 63V
2501		5322 116 80853	560pF 5% NP0 63V
2502		5322 122 31647	1NF 10% X7R 63V
2503		4822 126 13751	47NF 10% X7R 63V
2504		4822 126 13751	47NF 10% X7R 63V
2505		4822 124 40433	47μF 20% 25V
2506		4822 124 12435	0.47UF 20% 50V
2507		4822 124 40433	47μF 20% 25V
2508		4822 126 13751	47NF 10% X7R 63V
3500		4822 117 10837	100K 1% 0.1W
3501		4822 117 10833	10K 1% 0.1W
3503		4822 051 20229	22R00 5% 0.1W
3504		4822 051 20223	22K00 5% 0.1W
4500		4822 051 20008	0R00 JUMP. (0805)
7404		5322 209 11517	PC74HCU04T
7500		4822 209 12636	TDA1320T/N1
			HEADPHONE JACK
			CIRCUIT BOARD
1800	BLK	4822 267 31453	HEADPHONES JACK
1800	GLD	4822 265 11062	HEADPHONES JACK
2801		5322 122 34099	470pF 10% X7R 63V
2802		5322 122 34099	470pF 10% X7R 63V
2803		4822 126 12882	100NF +80-20% 50V
			OPTICAL OUT
			CIRCUIT BOARD
2812		4822 126 13838	100NF Y5V 0805 50V P80M20
3960		4822 117 12521	68R 1% 0.1W
7802		4822 130 10845	GP1F32T OPT

(VERS. :VERSION, U:U.S.A., F:JAPAN, K:FAR EAST, **:EUROPE)

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION